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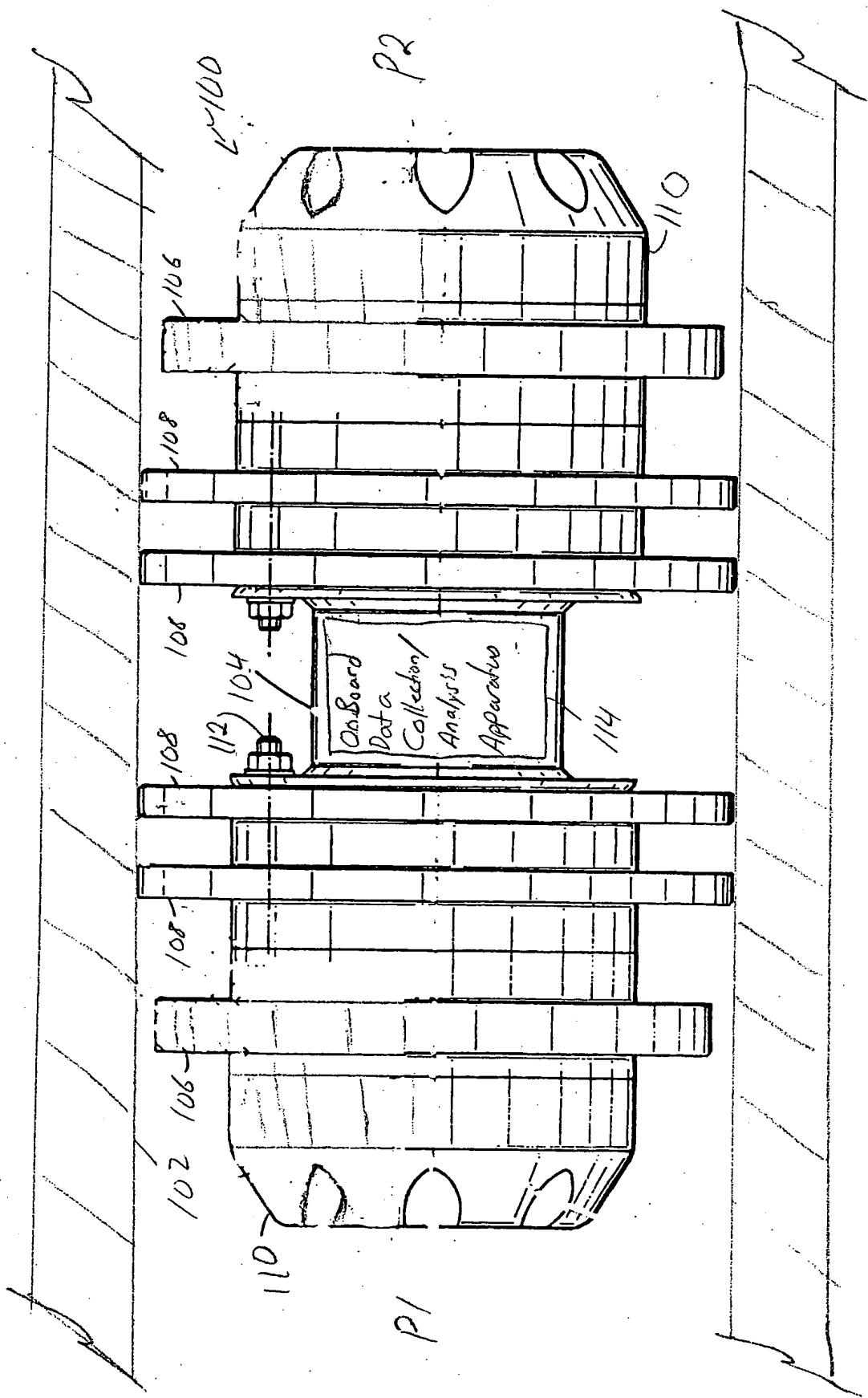
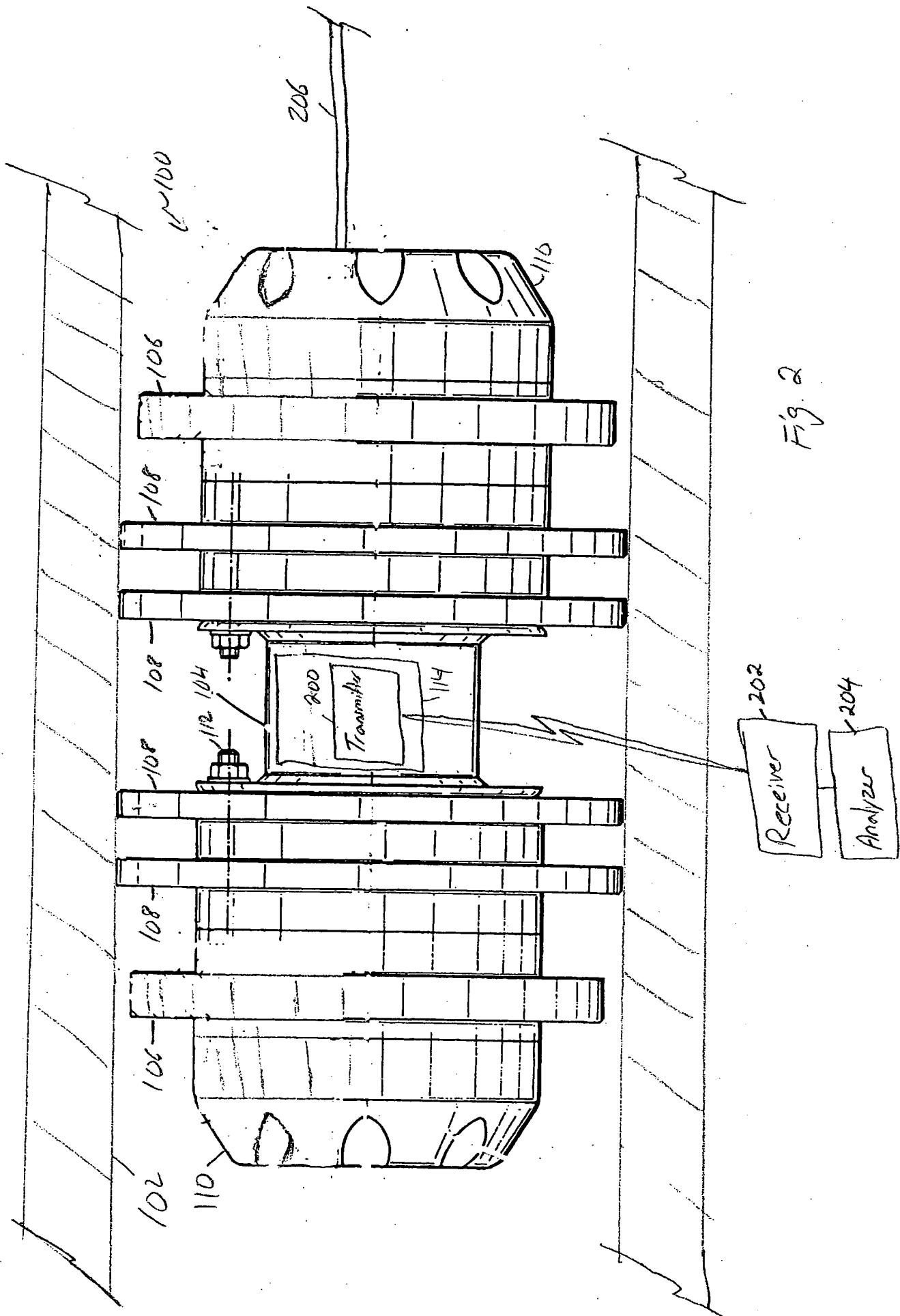
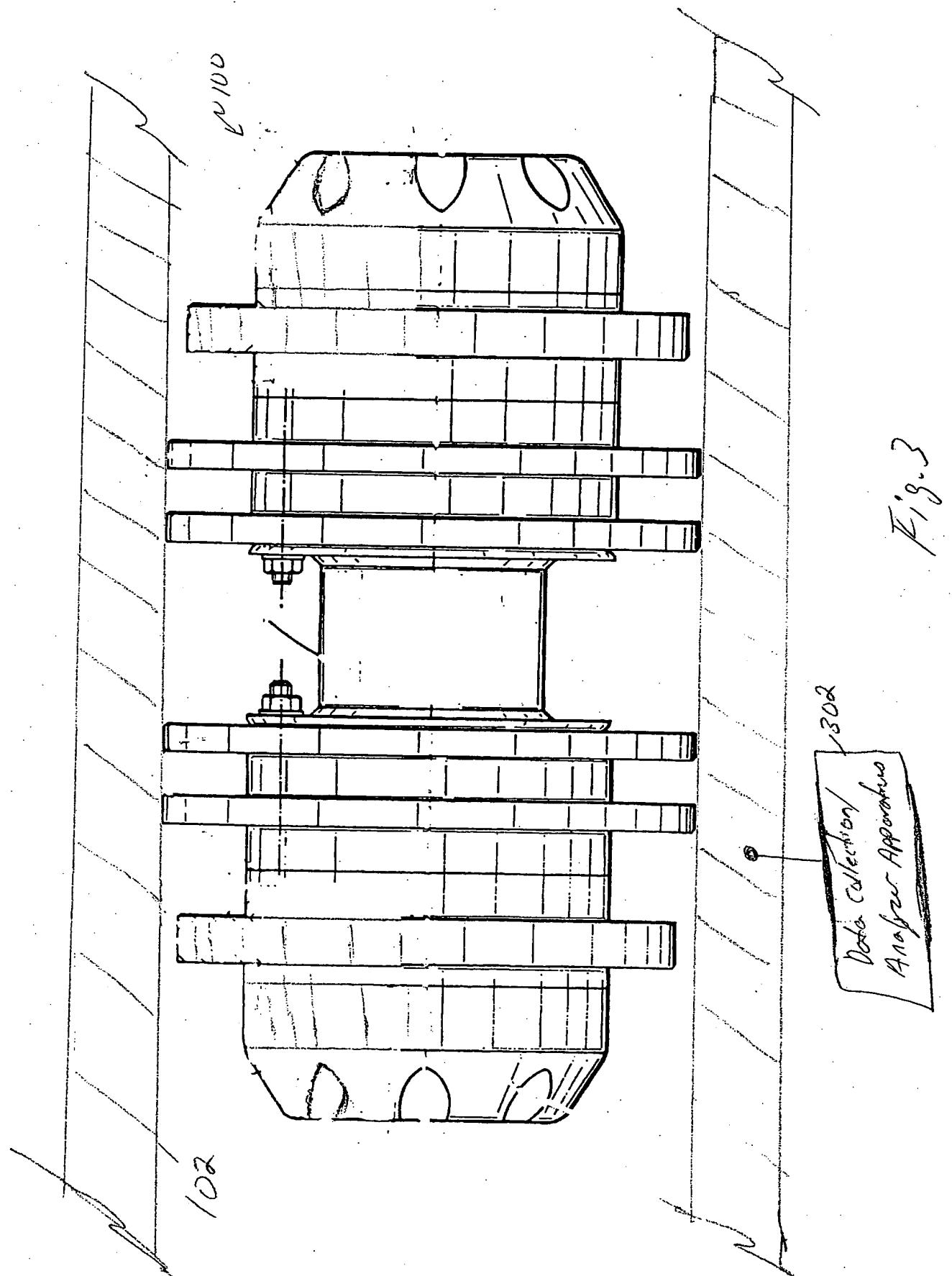


Fig. 1





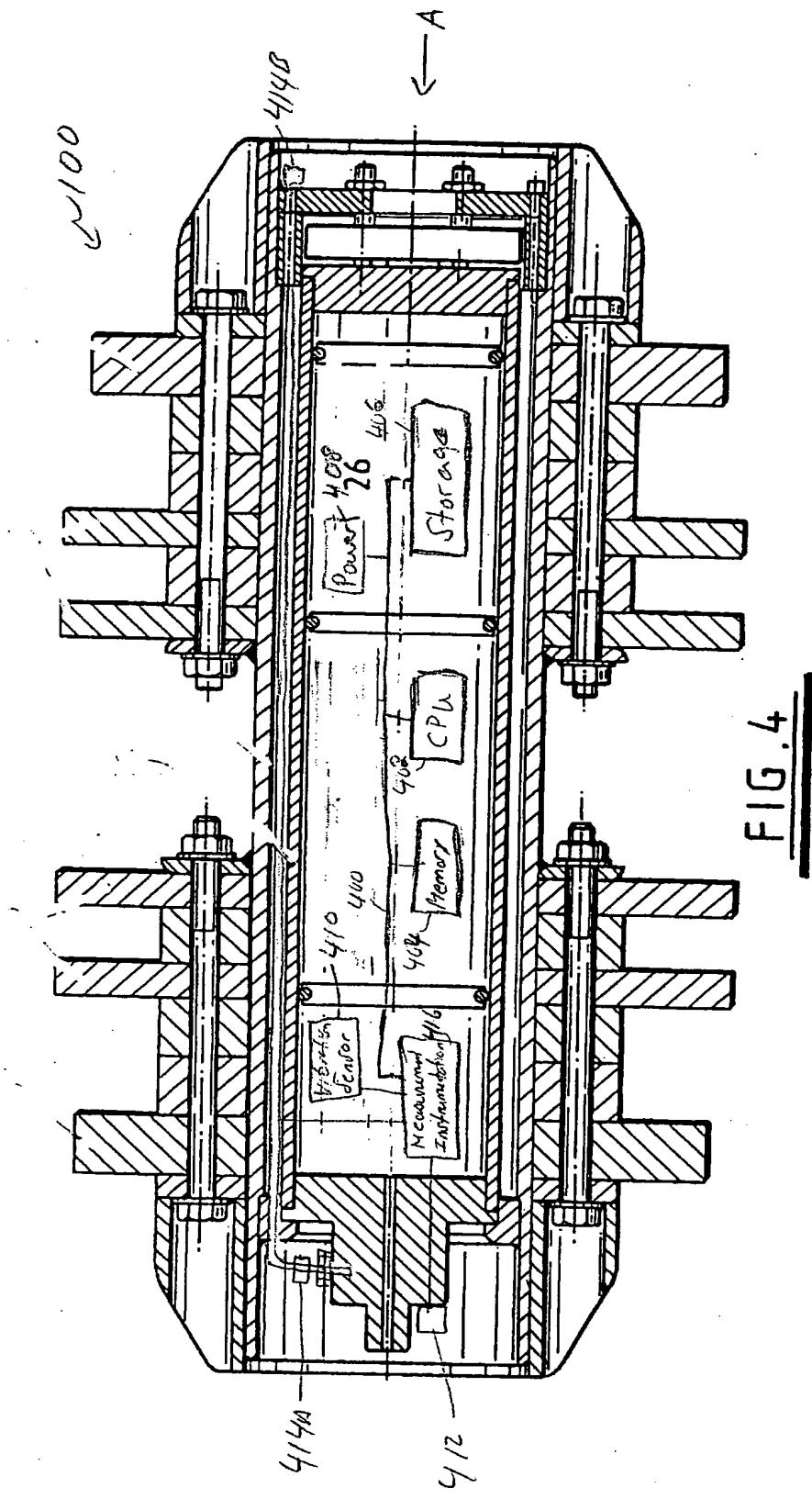
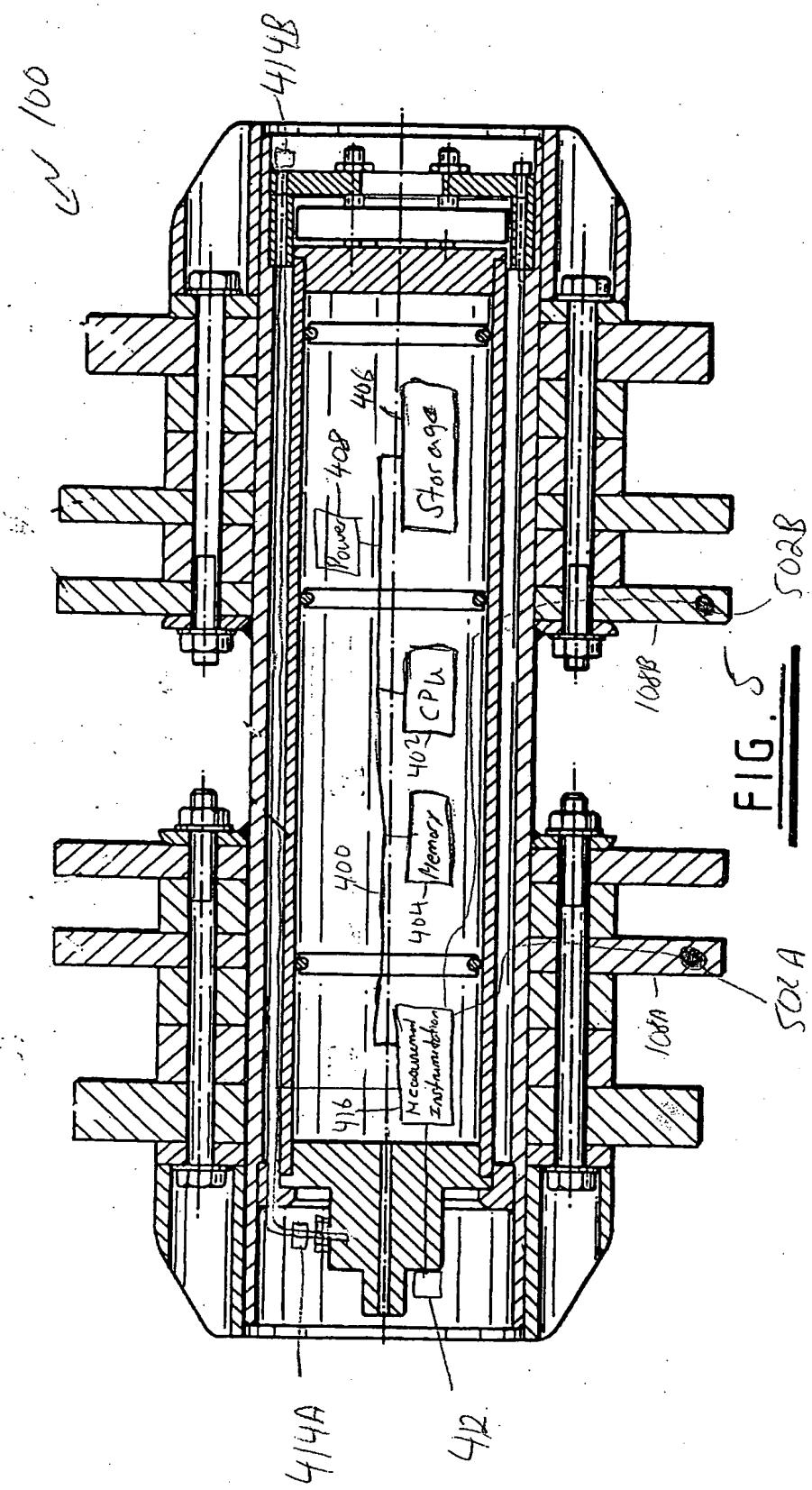
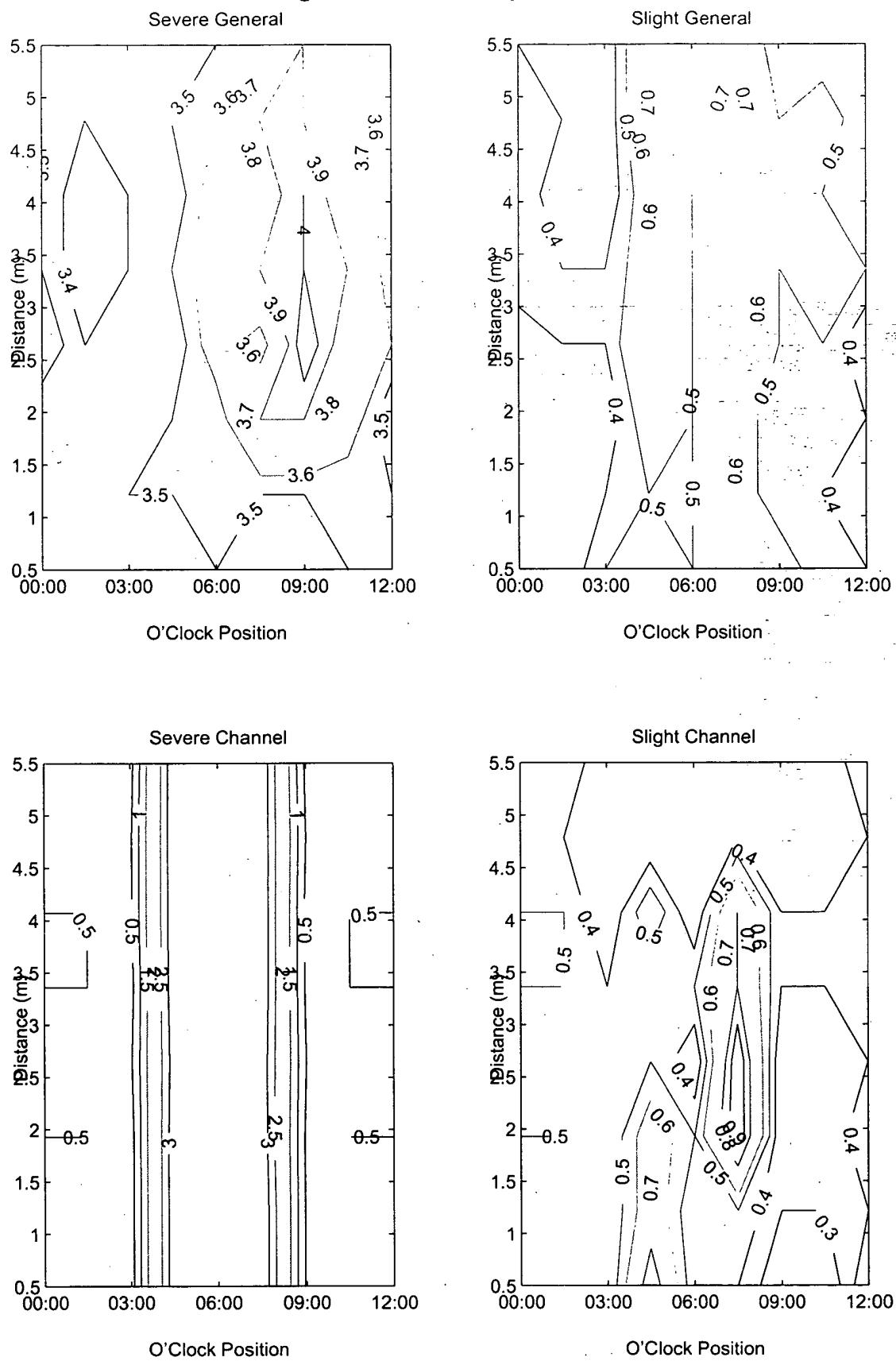


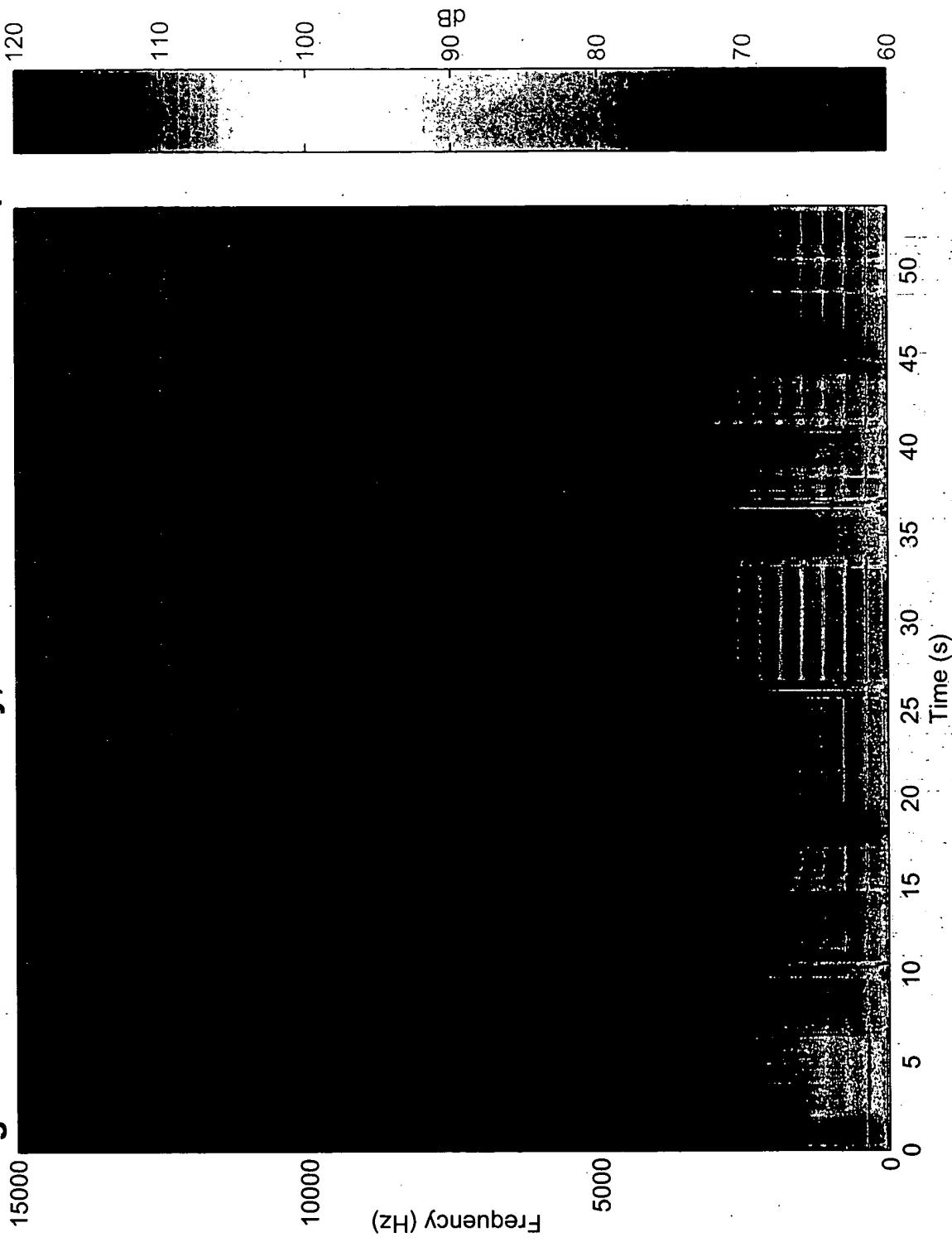
FIG. 4



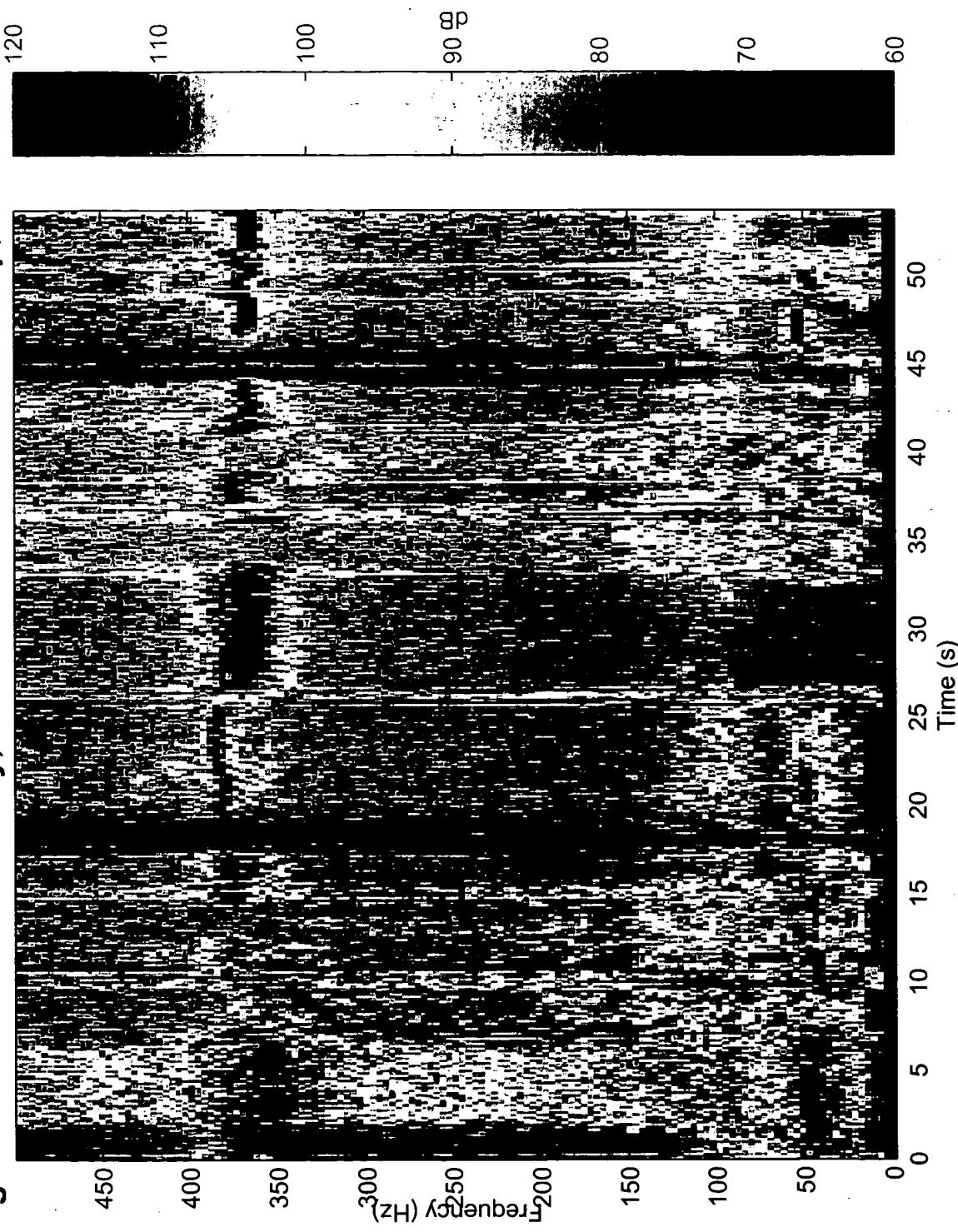
**Figure 6 – Test Spool Metal Loss**



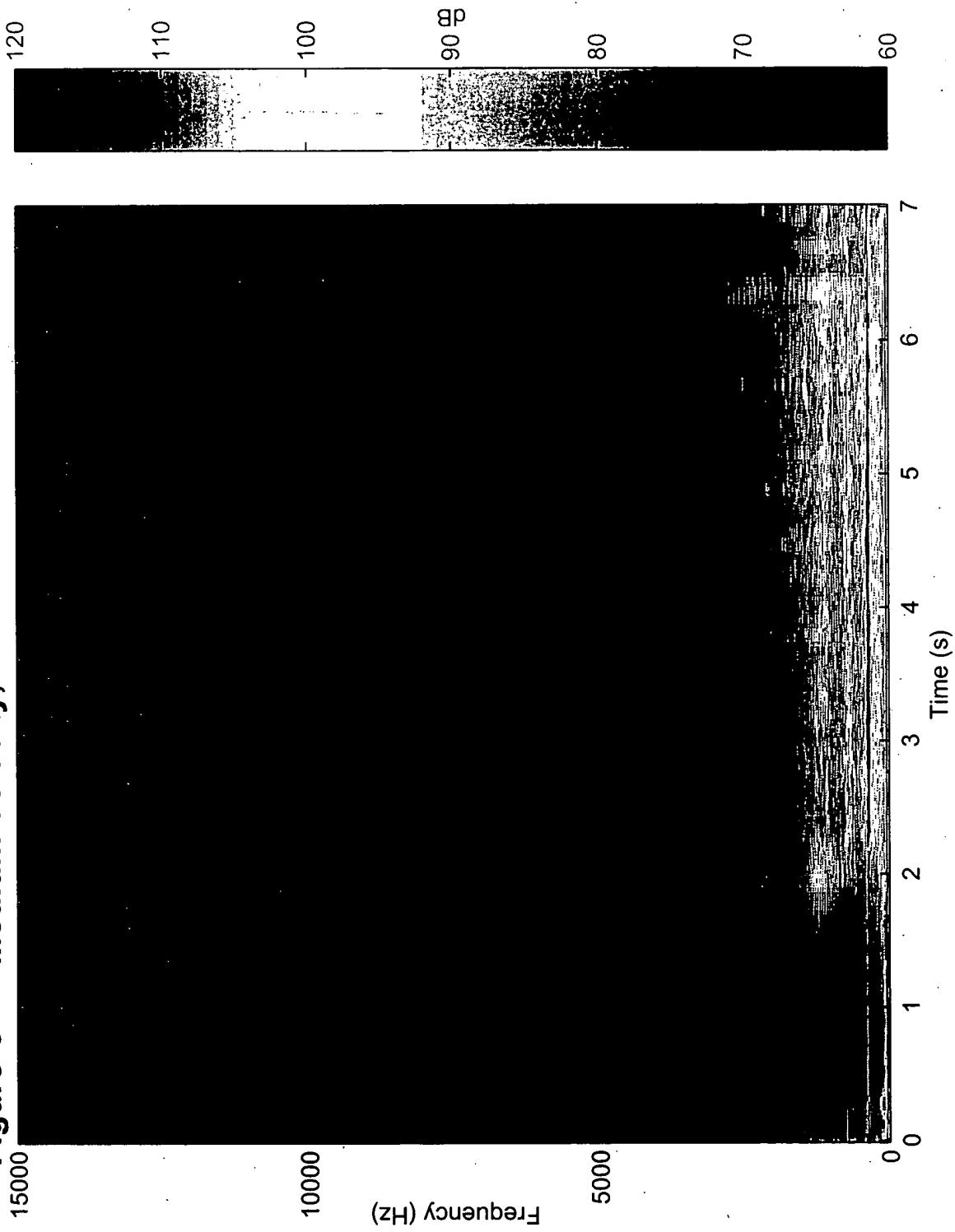
**Figure 7 – Medium Velocity, General Severe – Whole Loop**



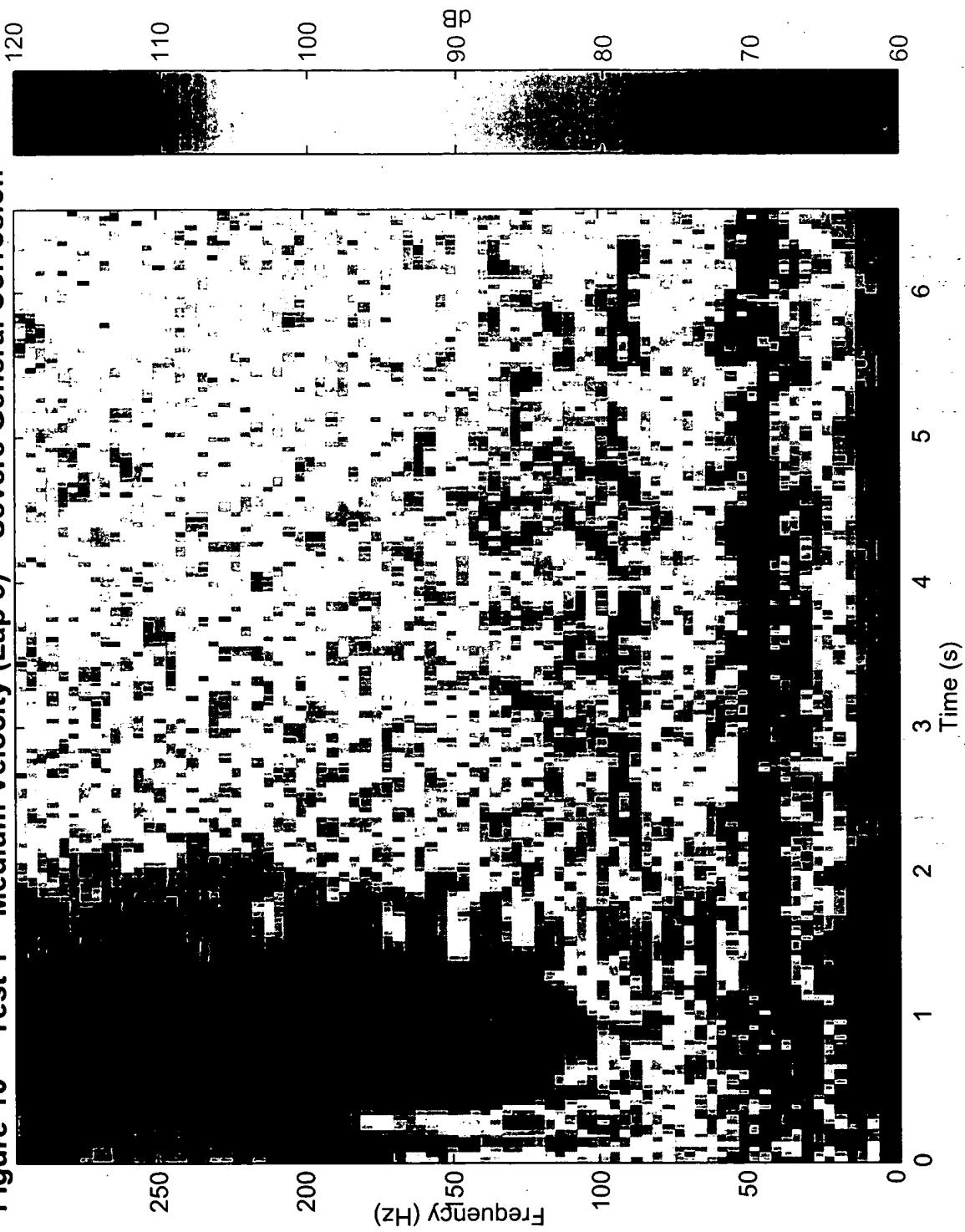
**Figure 8 – Medium Velocity, General Severe – Whole Loop, Detail**



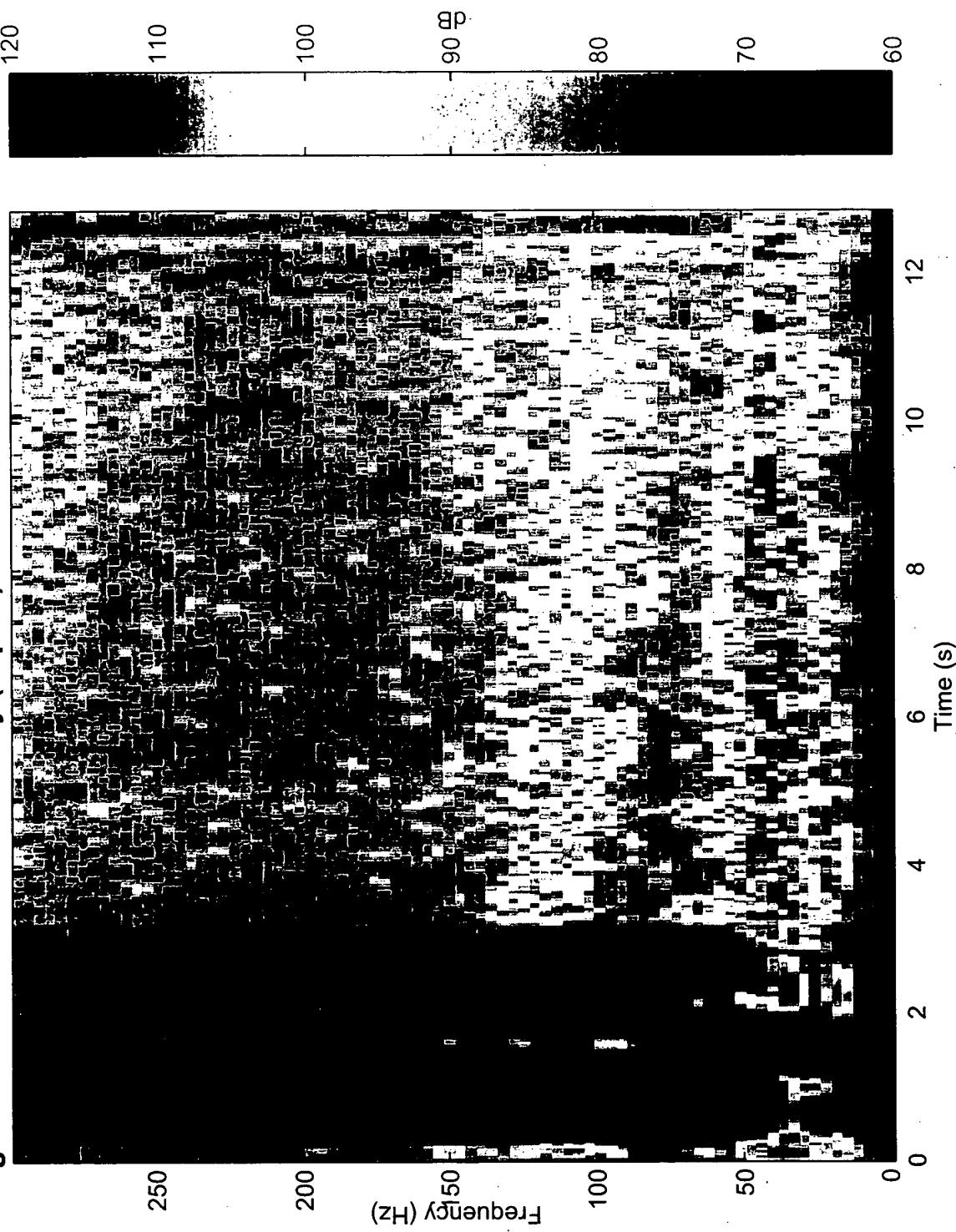
**Figure 9 – Medium Velocity, General Severe – Test Section**



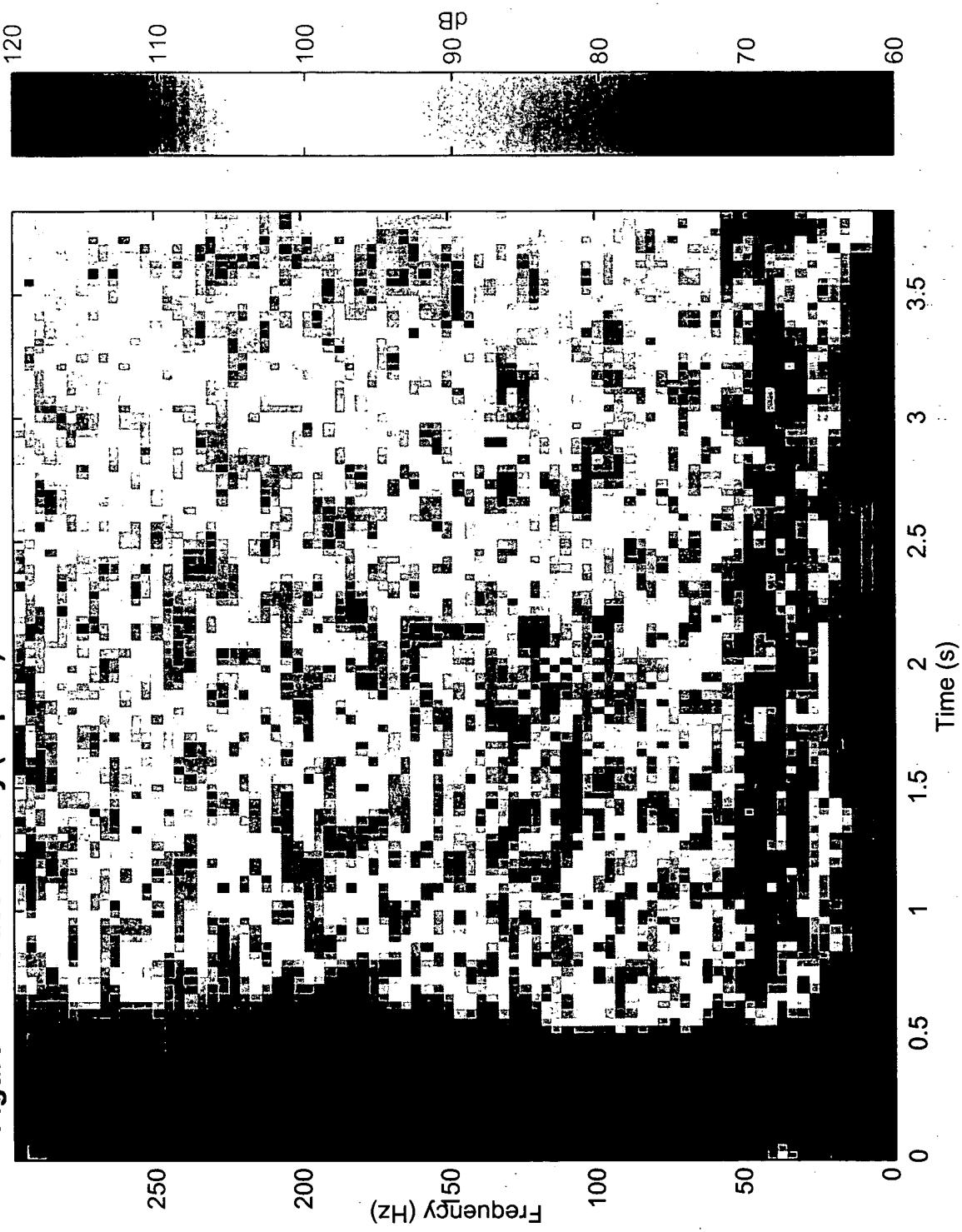
**Figure 10 – Test 1 – Medium Velocity (Lap 5) – Severe General Corrosion**



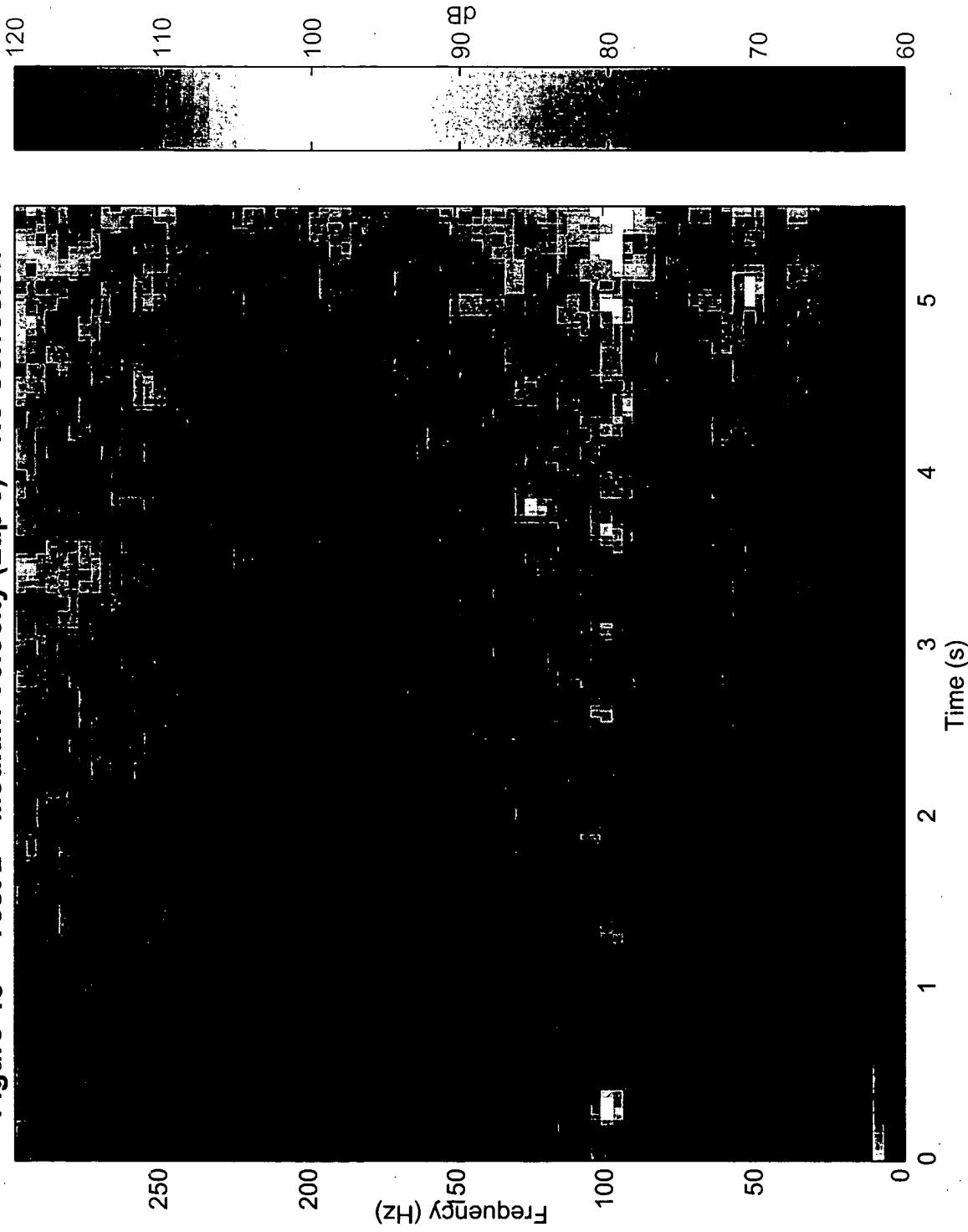
**Figure 11 – Test 1 – Slow Velocity (Lap 25) – Severe General Corrosion**



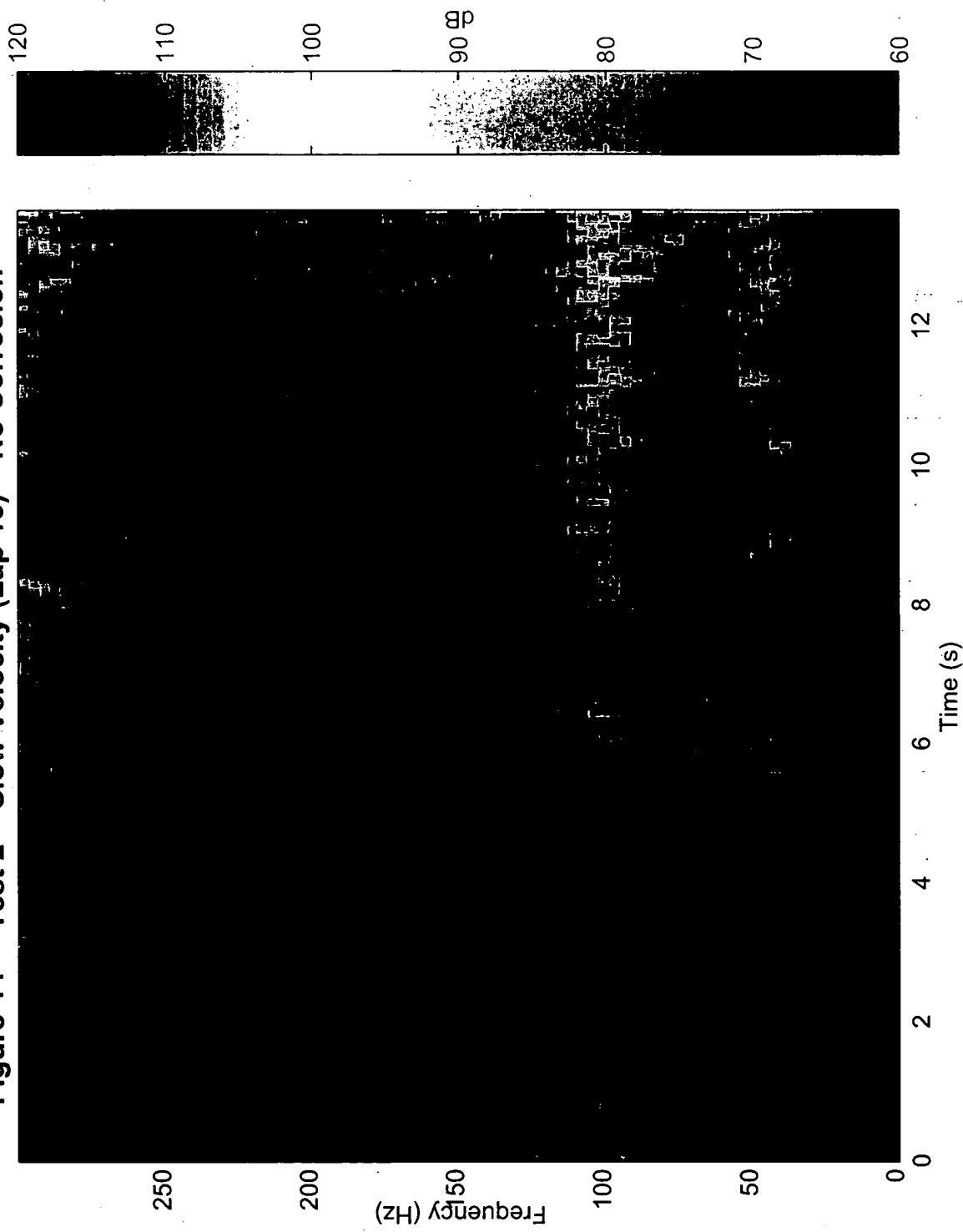
**Figure 12 – Fast Velocity (Lap 35) – Severe General Corrosion**



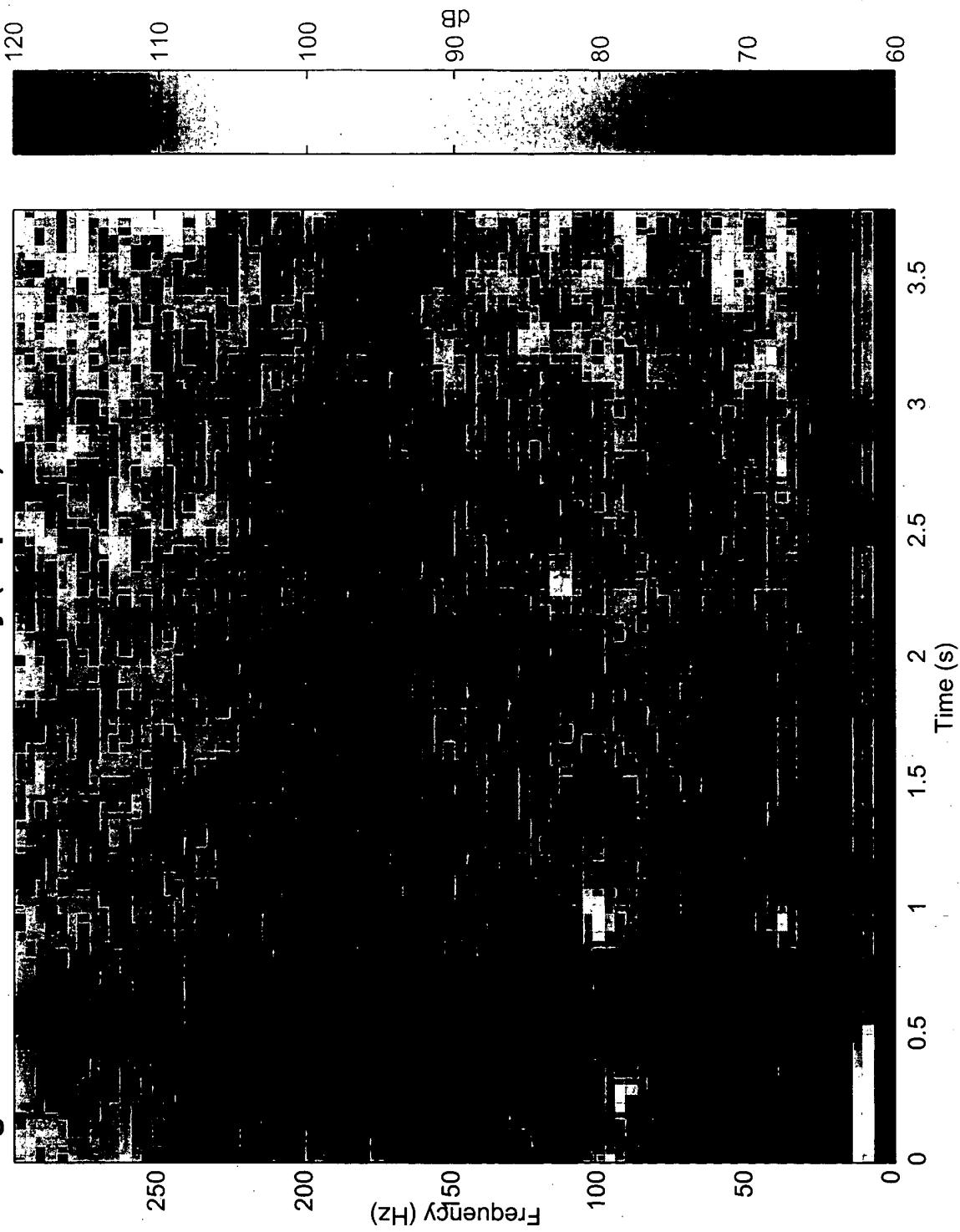
**Figure 13 – Test 2 – Medium Velocity (Lap 5) – No Corrosion**



**Figure 14 – Test 2 – Slow Velocity (Lap 15) – No Corrosion**



**Figure 15 – Test 2 – Fast Velocity (Lap 30) – No Corrosion**



120

110

100

90 dB

80

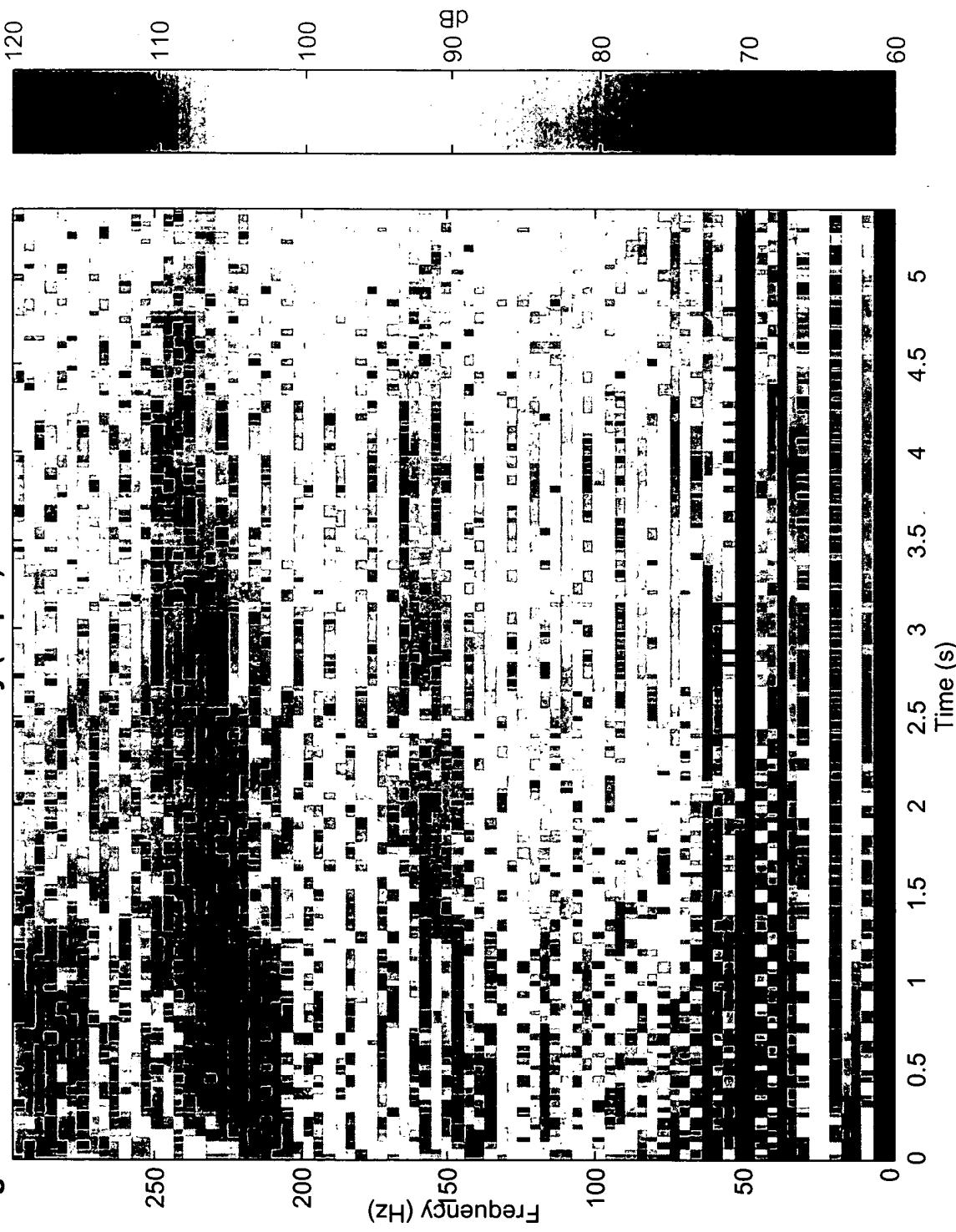
70

60

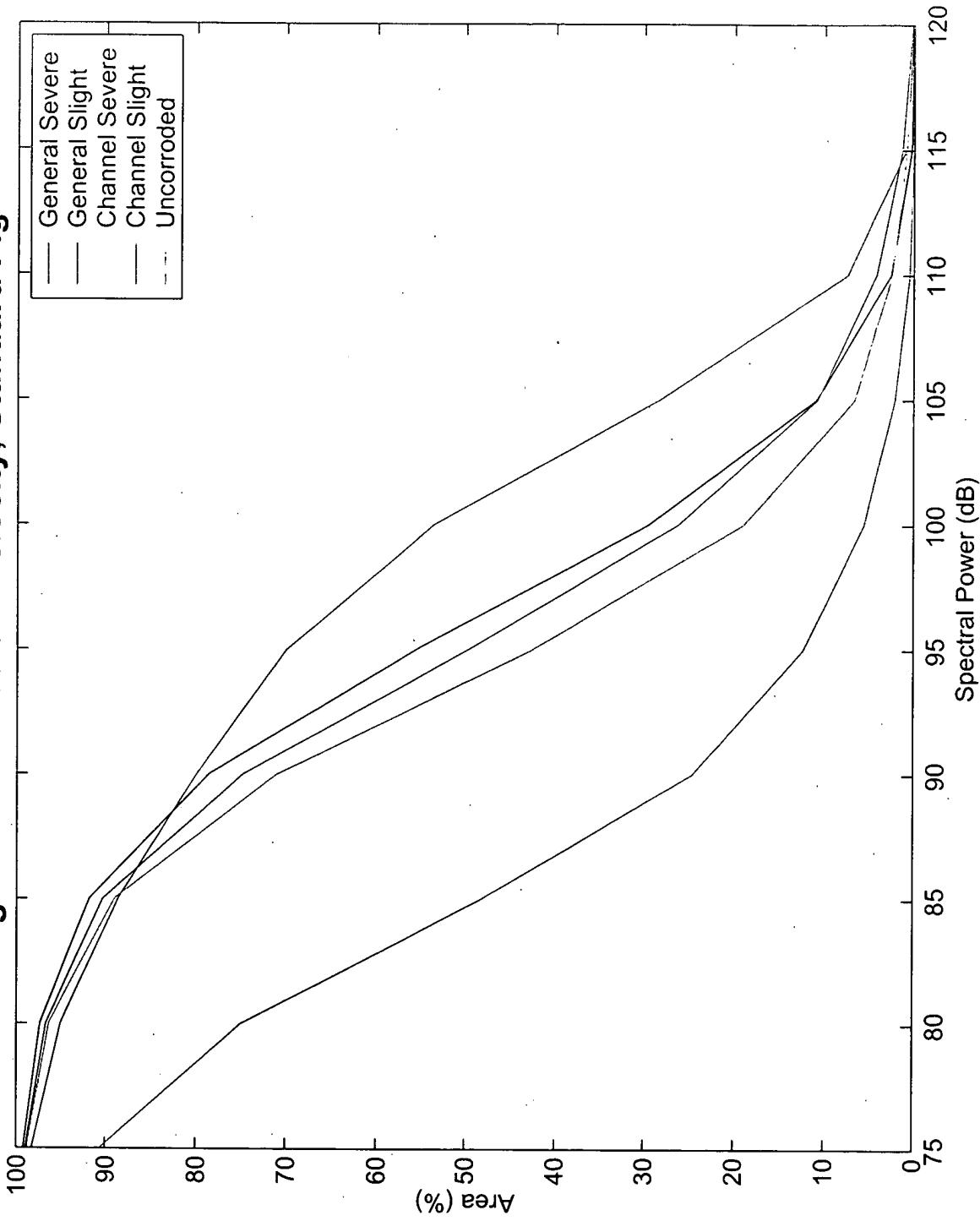
Frequency (Hz)

Time (s)

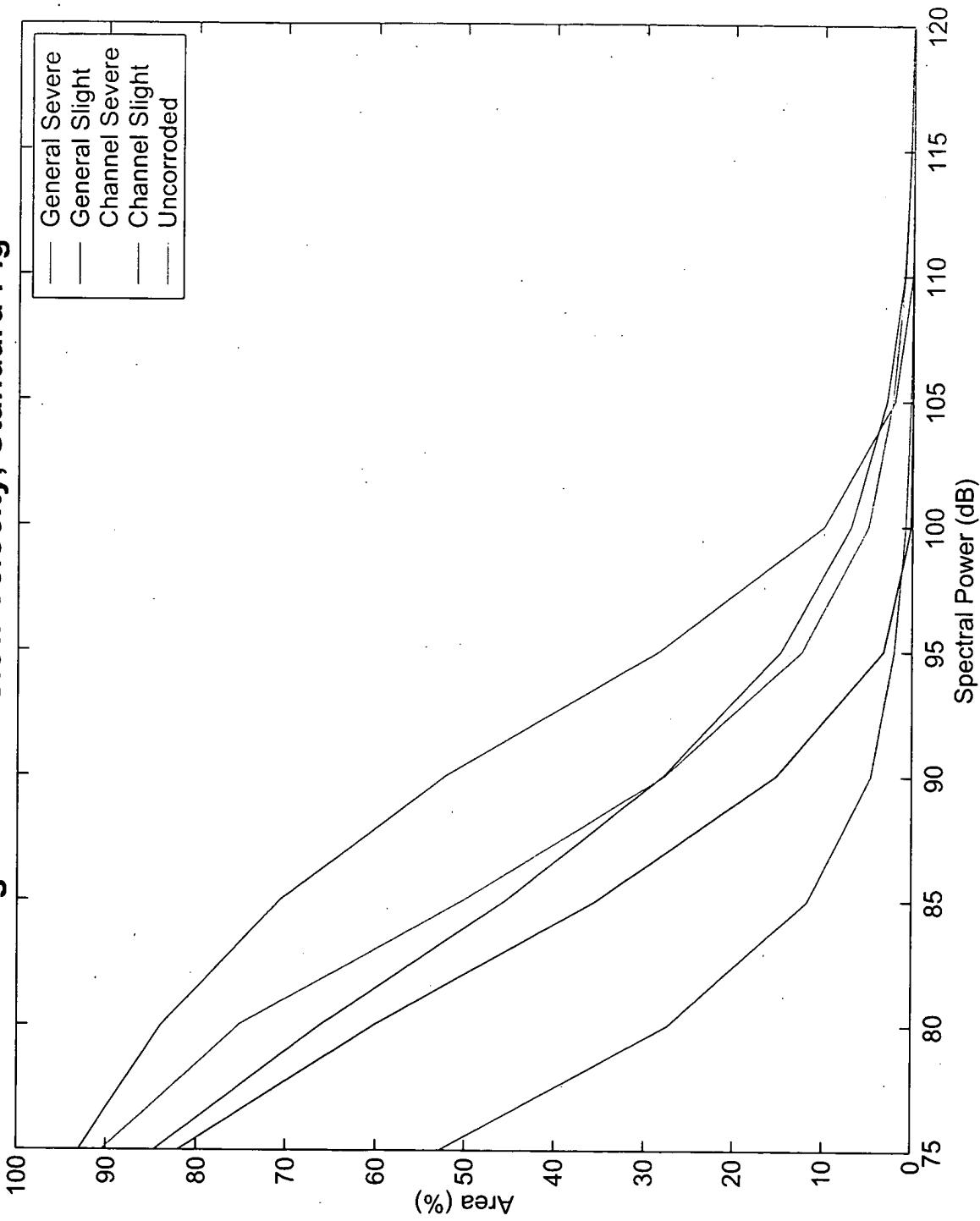
**Figure 16 – Test 2 – Medium Velocity (Lap 7) – Anomalous – No Corrosion**



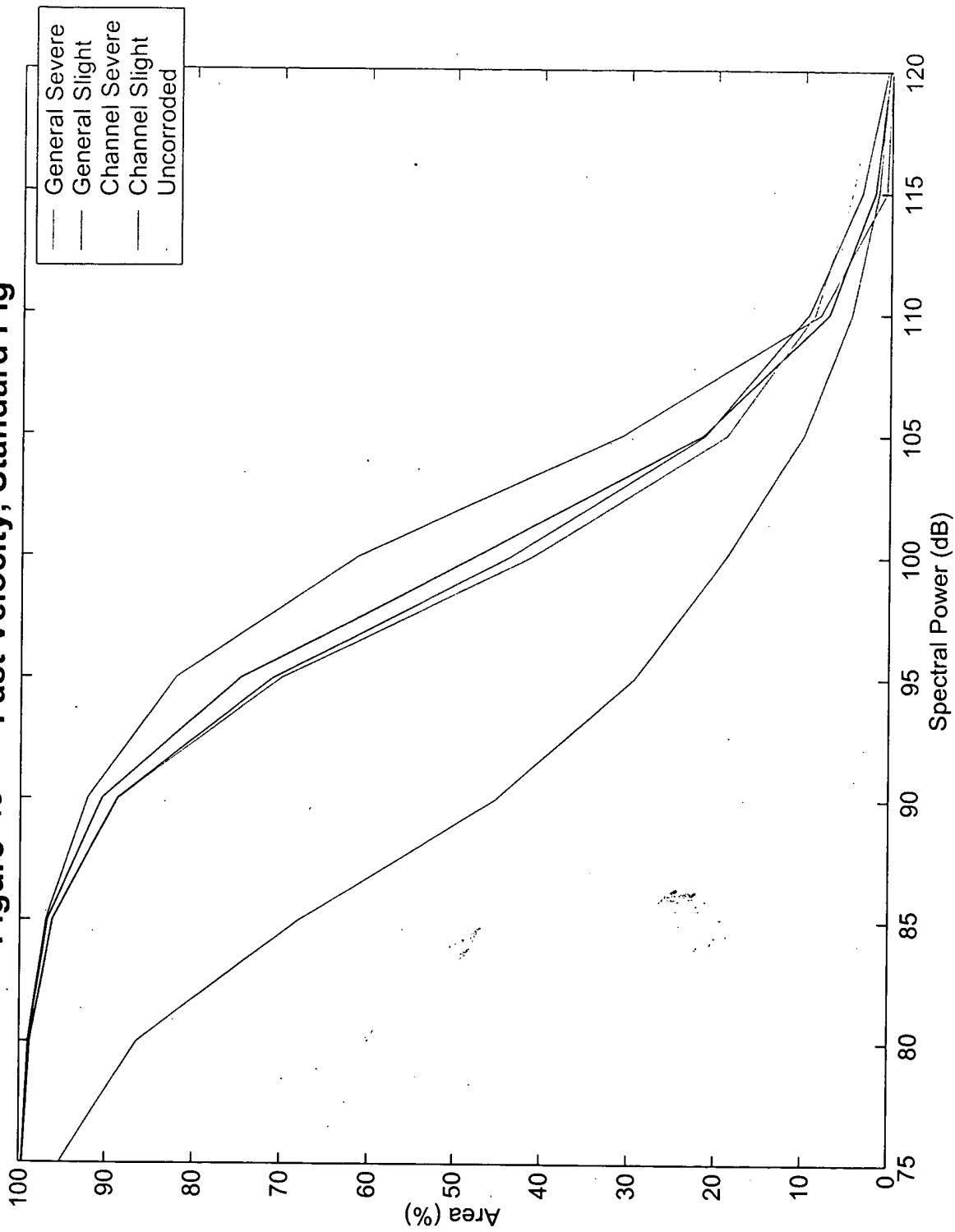
**Figure 17 – Medium Velocity, Standard Pig**



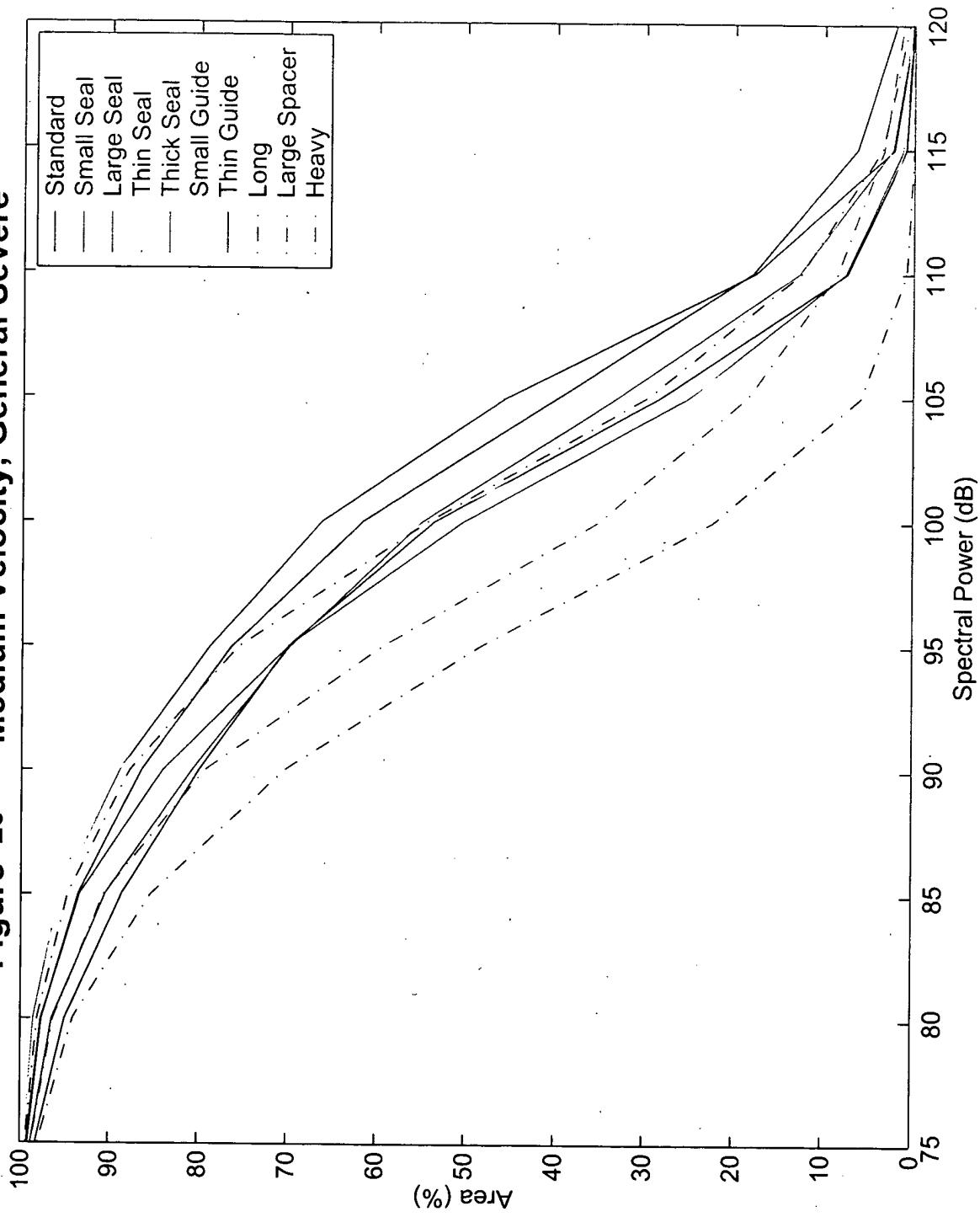
**Figure 18 – Slow Velocity, Standard Pig**



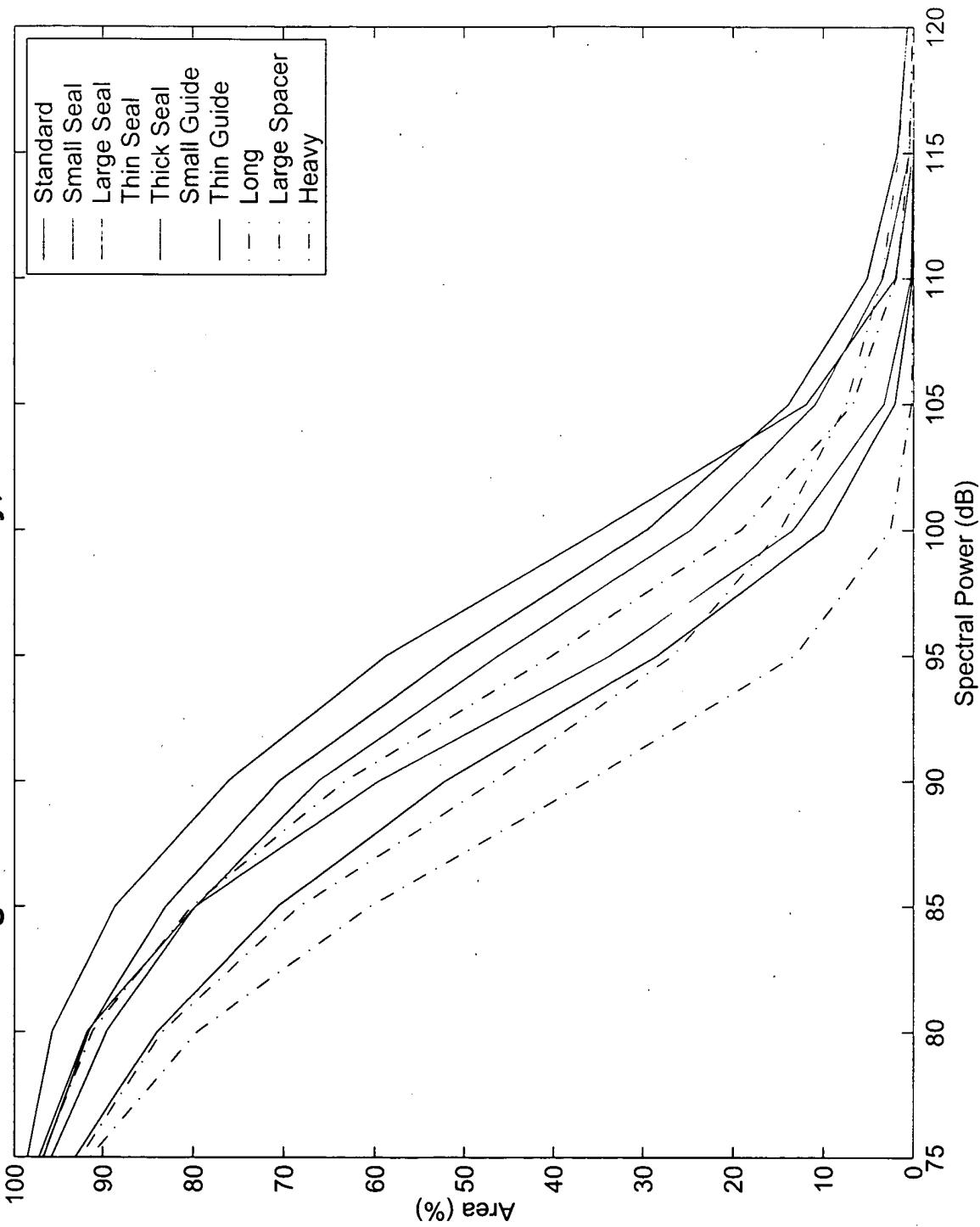
**Figure 19 – Fast Velocity, Standard Pig**



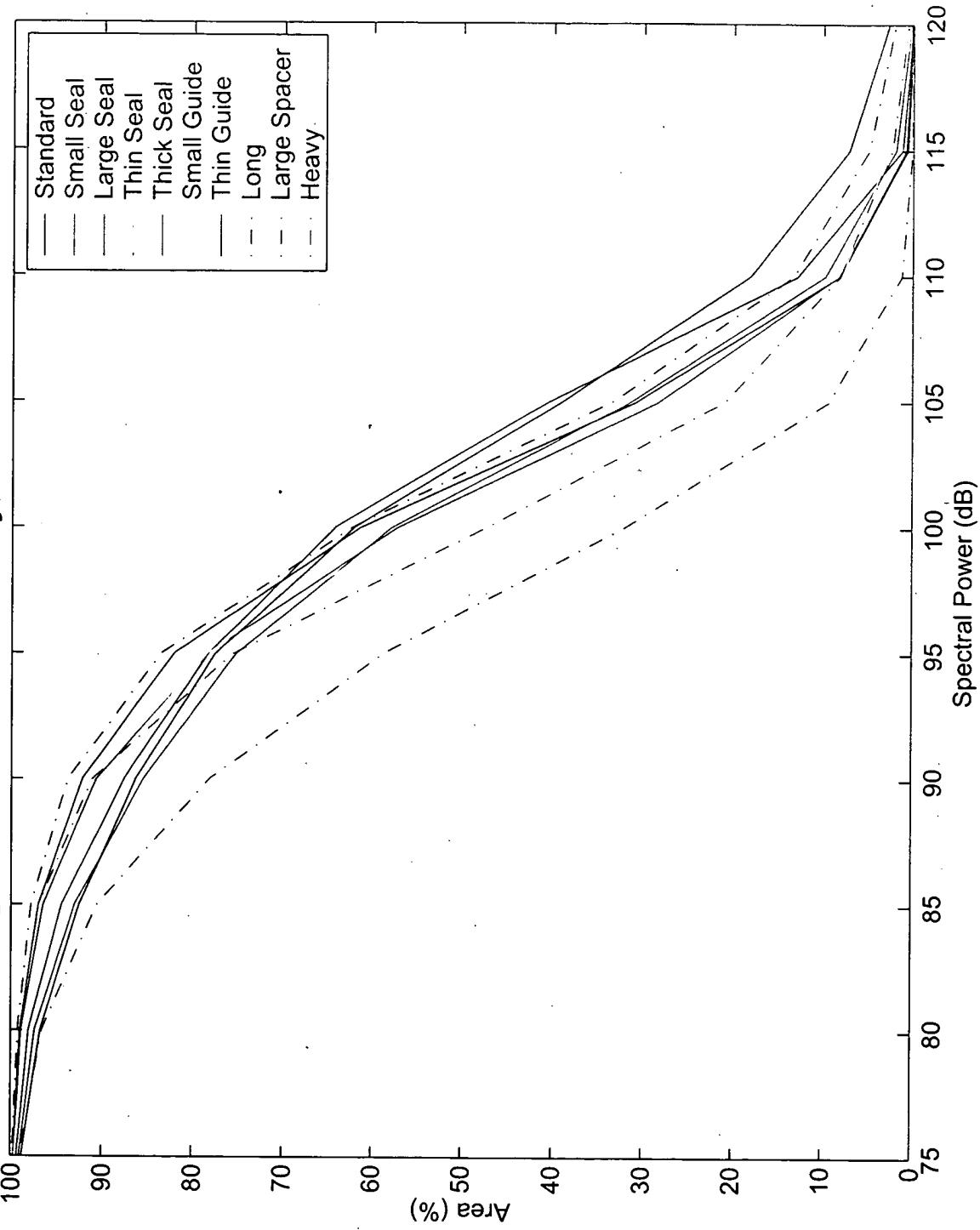
**Figure 20 – Medium Velocity, General Severe**



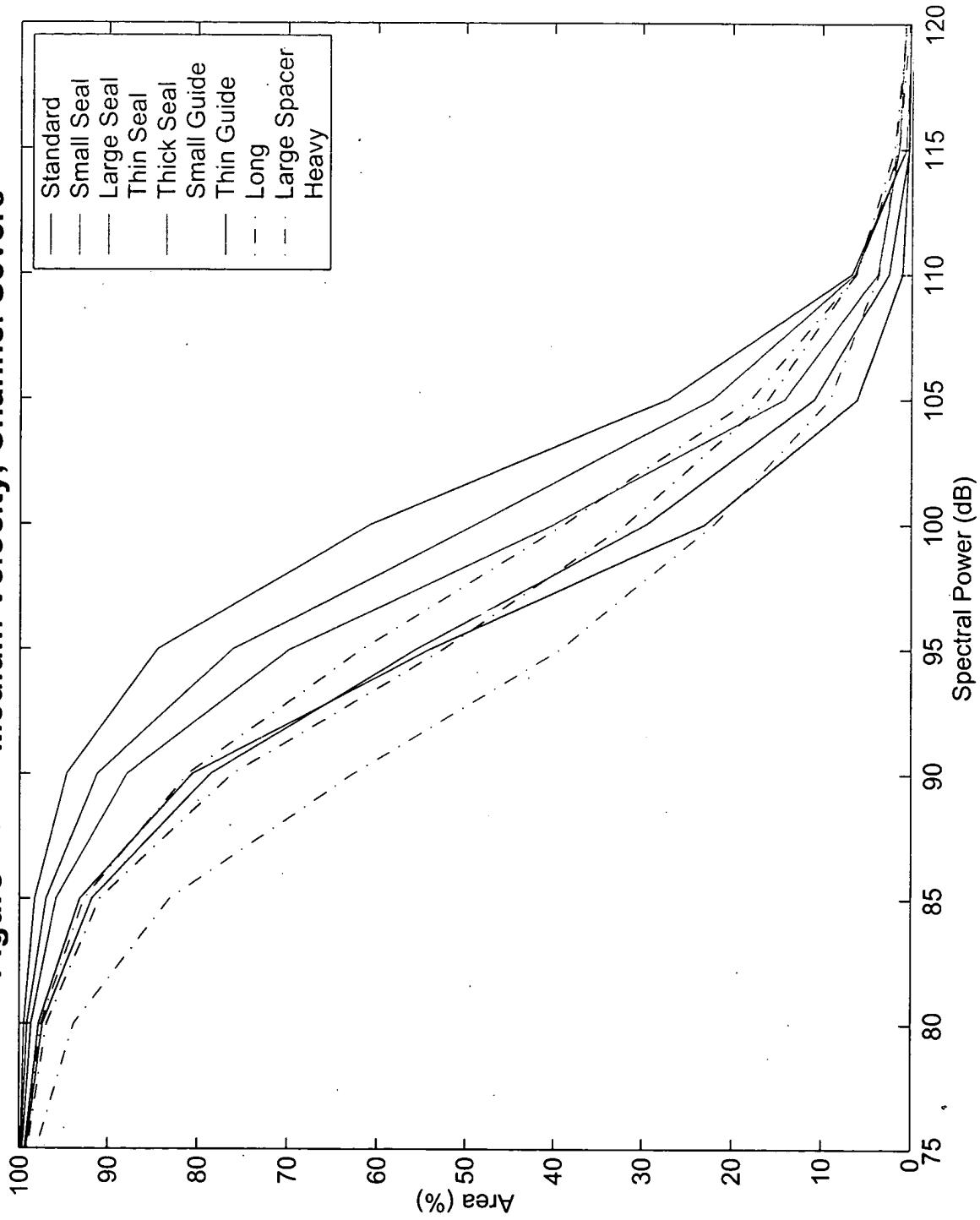
**Figure 21** – Slow Velocity, General Severe



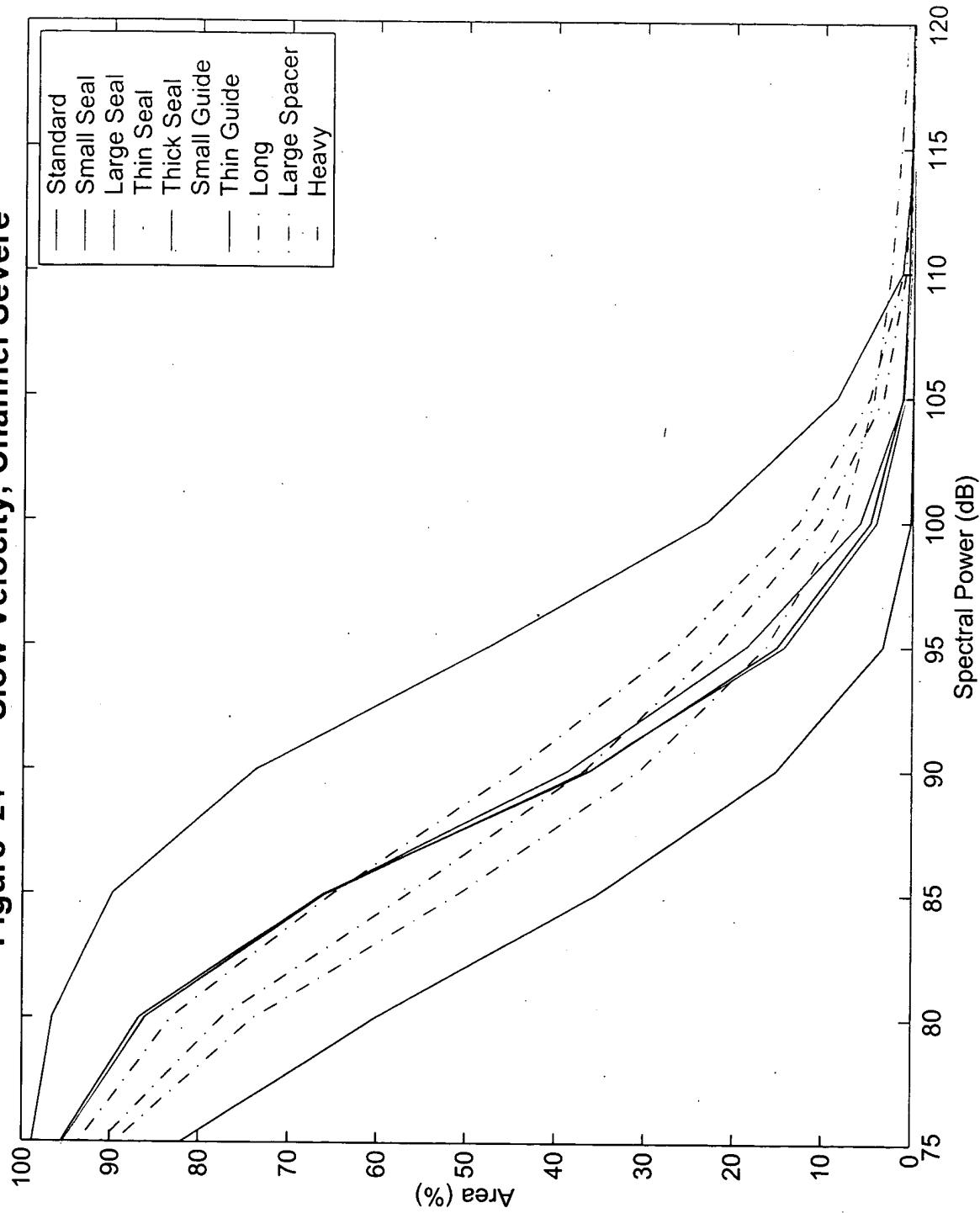
**Figure 22 – Fast Velocity, General Severe**



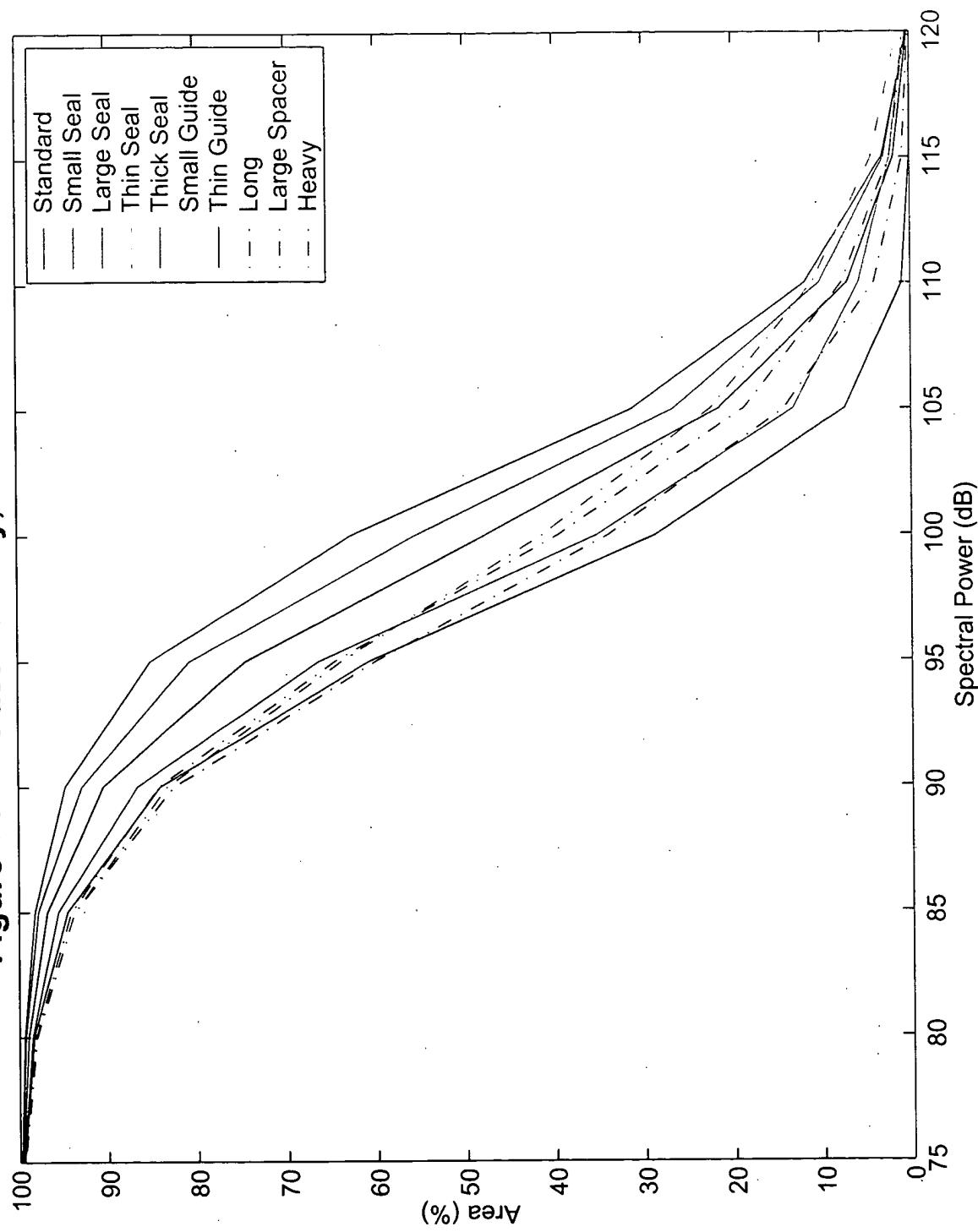
**Figure 23 – Medium Velocity, Channel Severe**



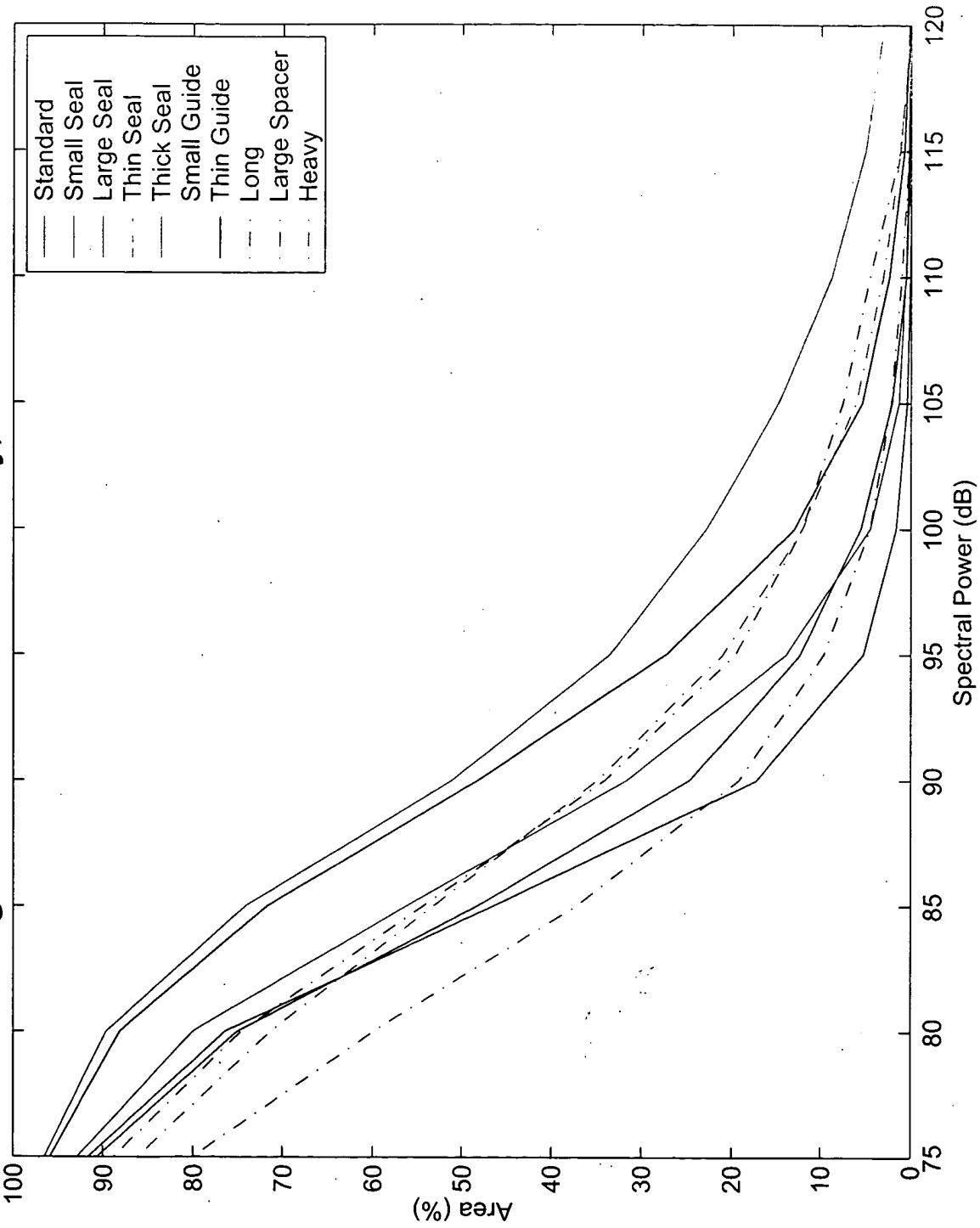
**Figure 24 – Slow Velocity, Channel Severe**



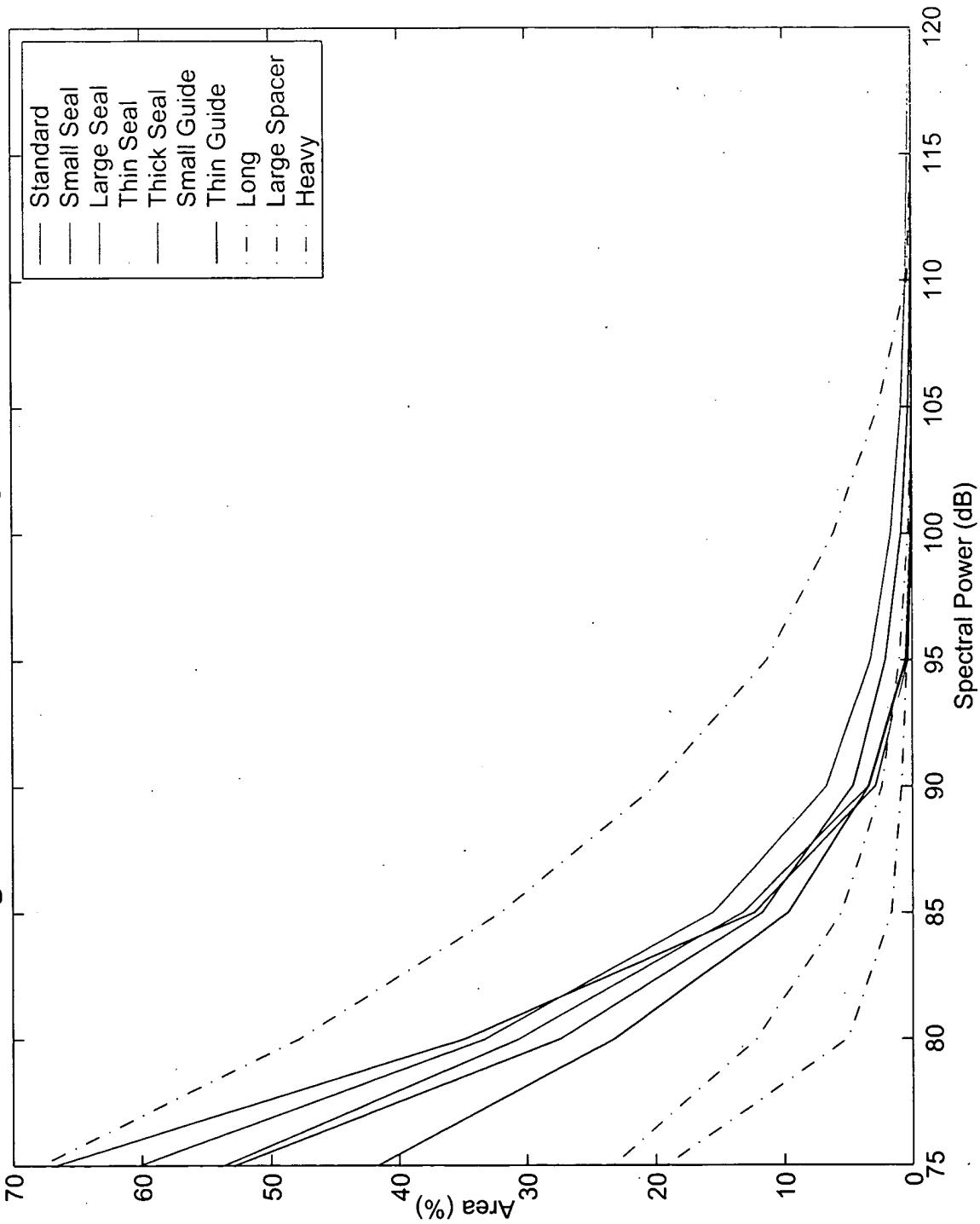
**Figure 25 – Fast Velocity, Channel Severe**



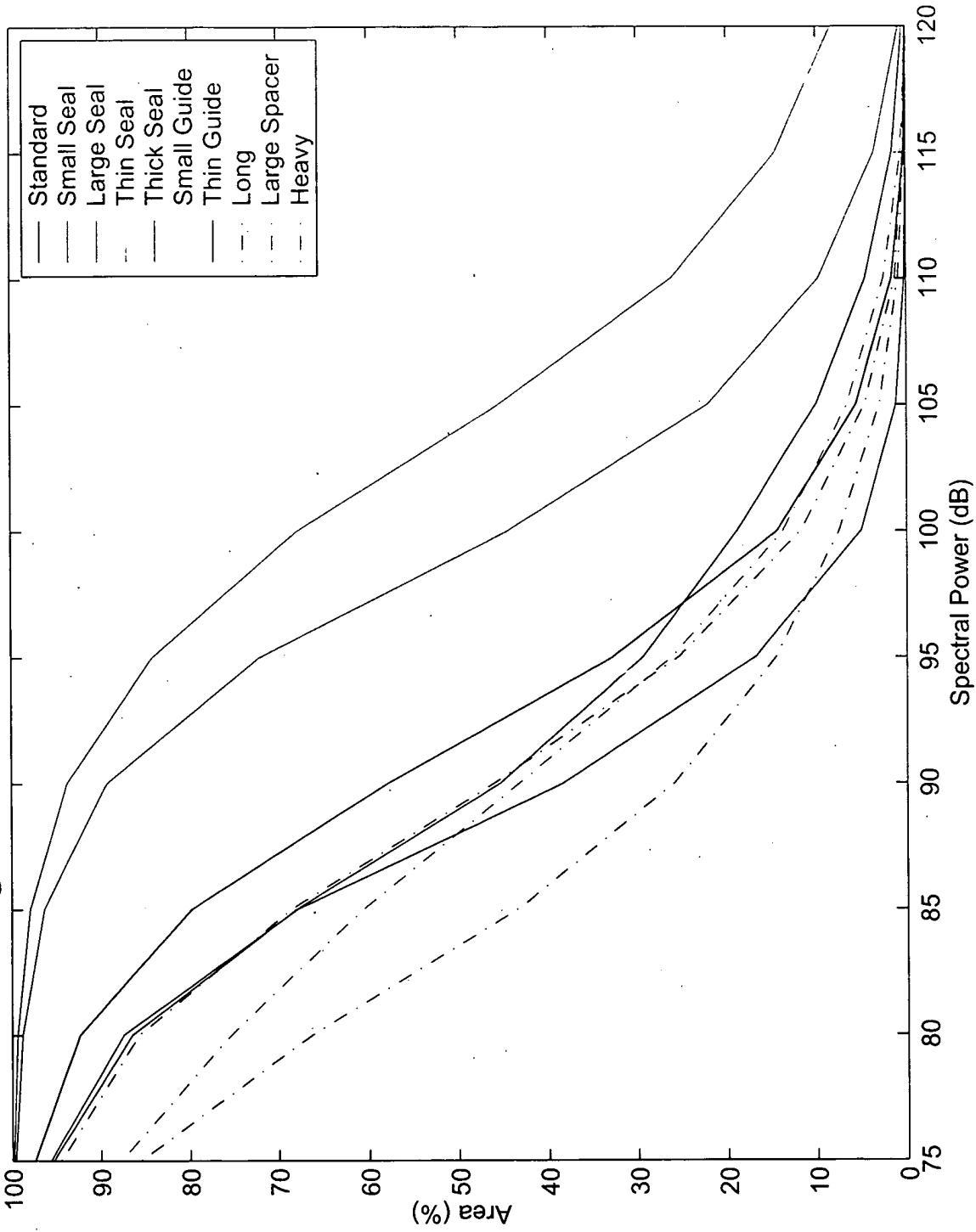
**Figure 26** – Medium Velocity, Uncorroded



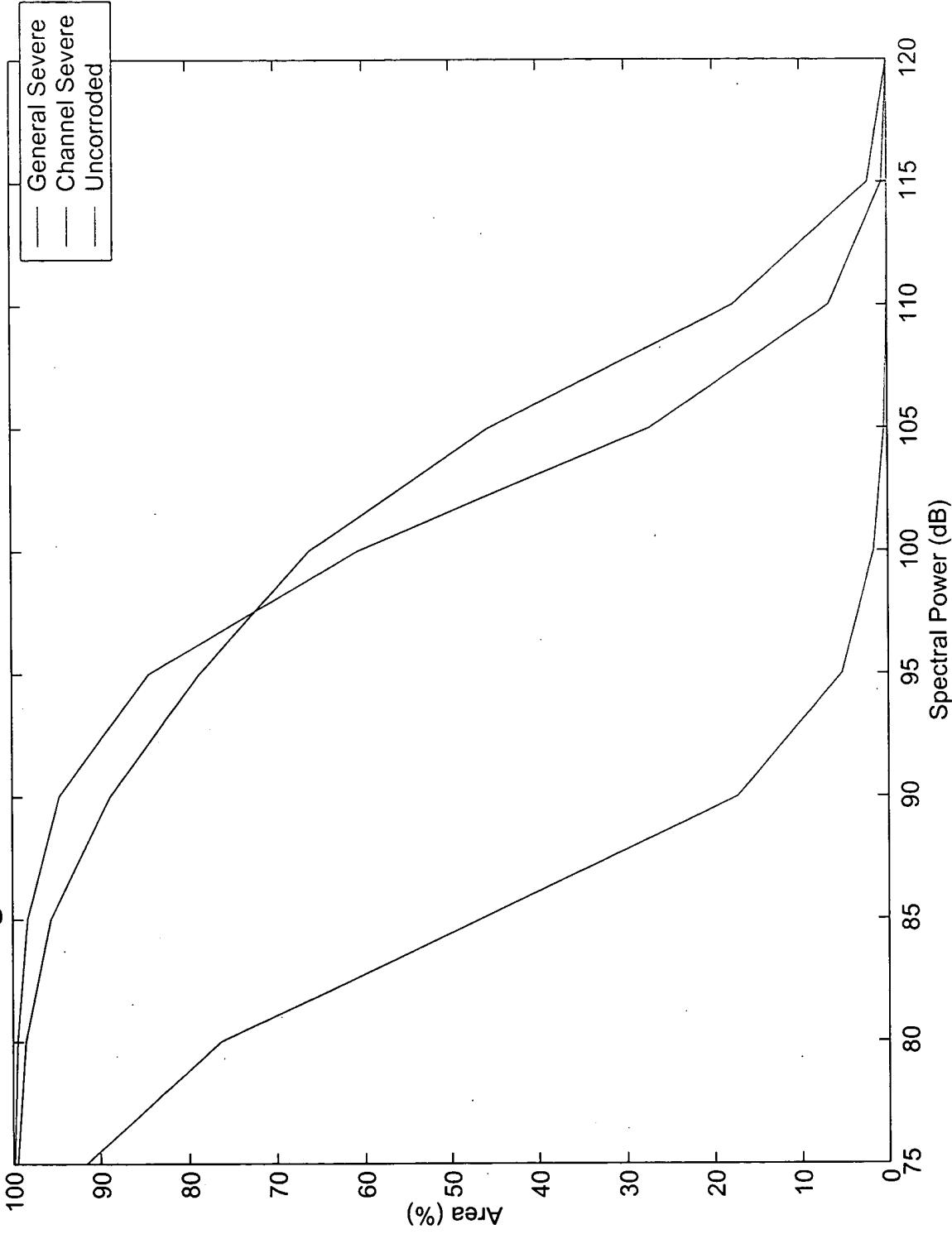
**Figure 27 – Slow Velocity, Uncorrected**



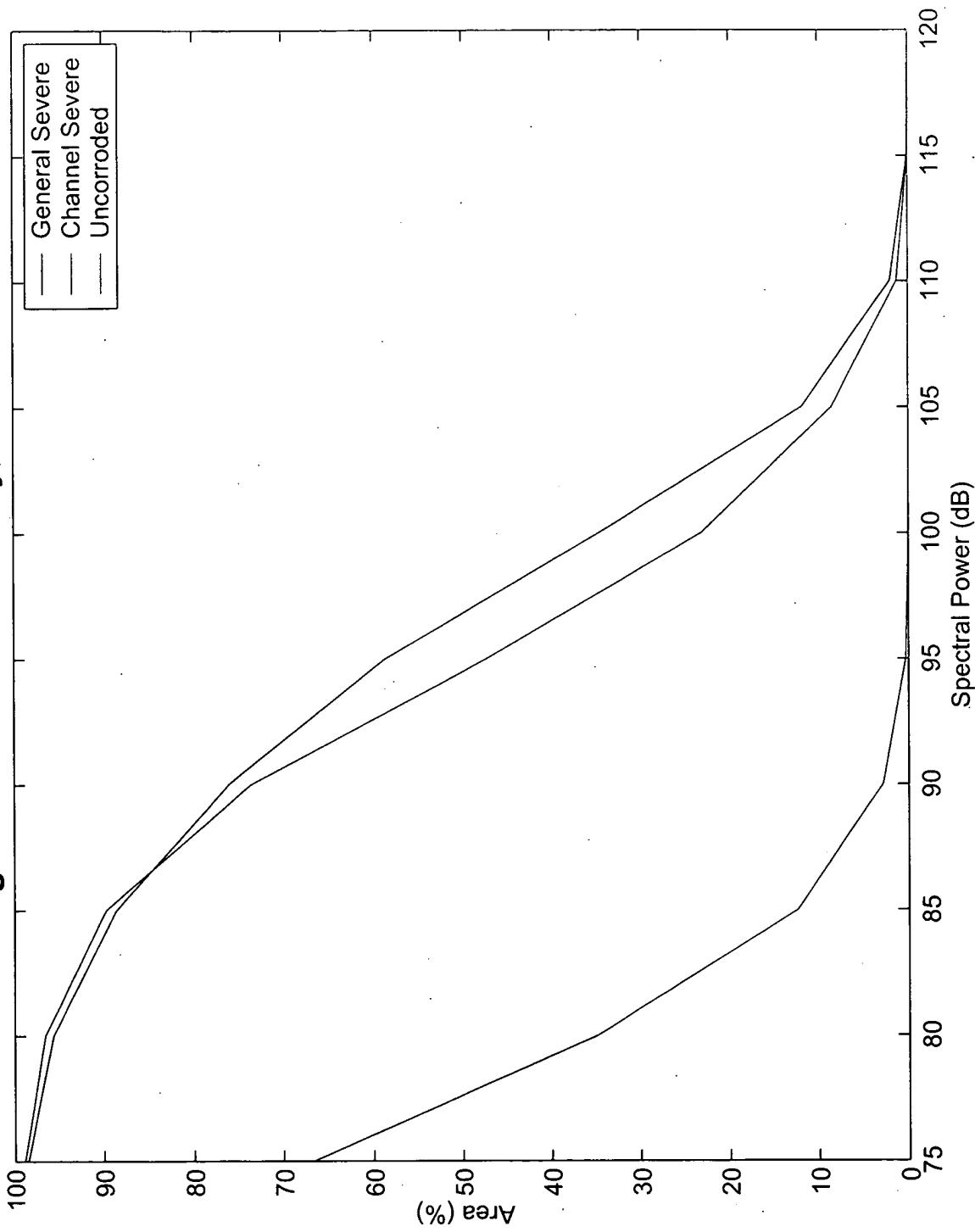
**Figure 28 – Fast Velocity, Uncorroded**



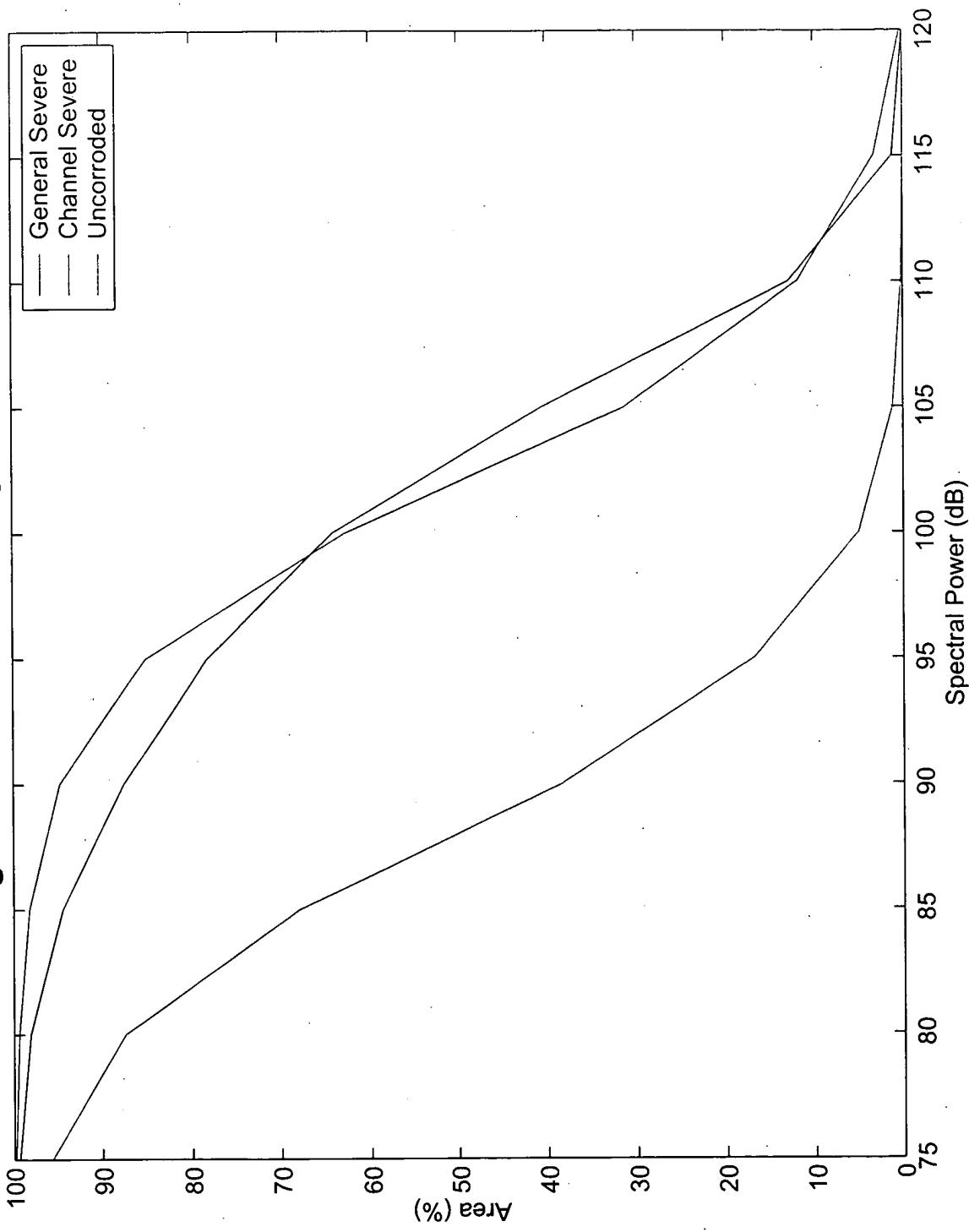
**Figure 29 – Medium Velocity, Small Seal**



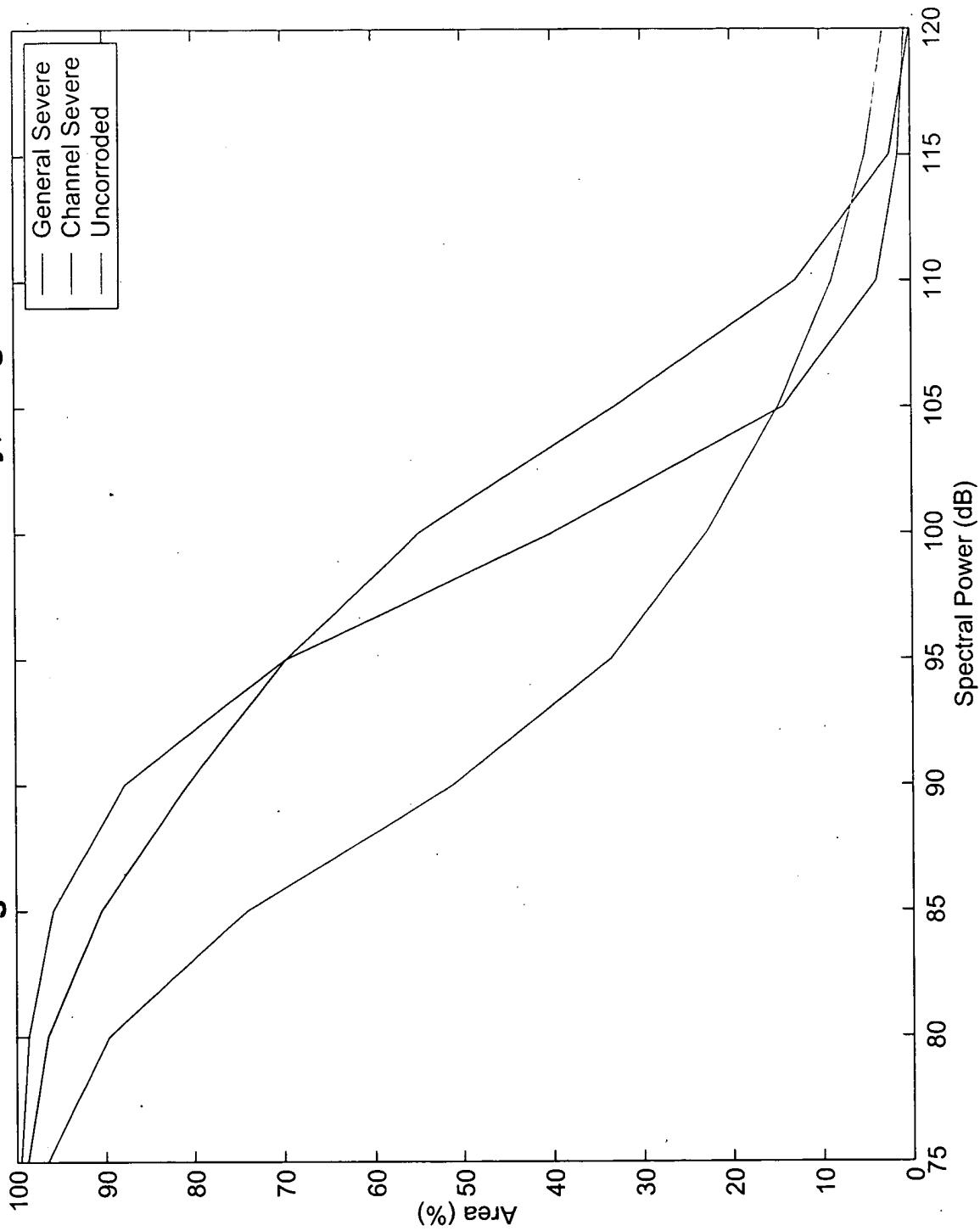
**Figure 30 – Slow Velocity, Small Seal**



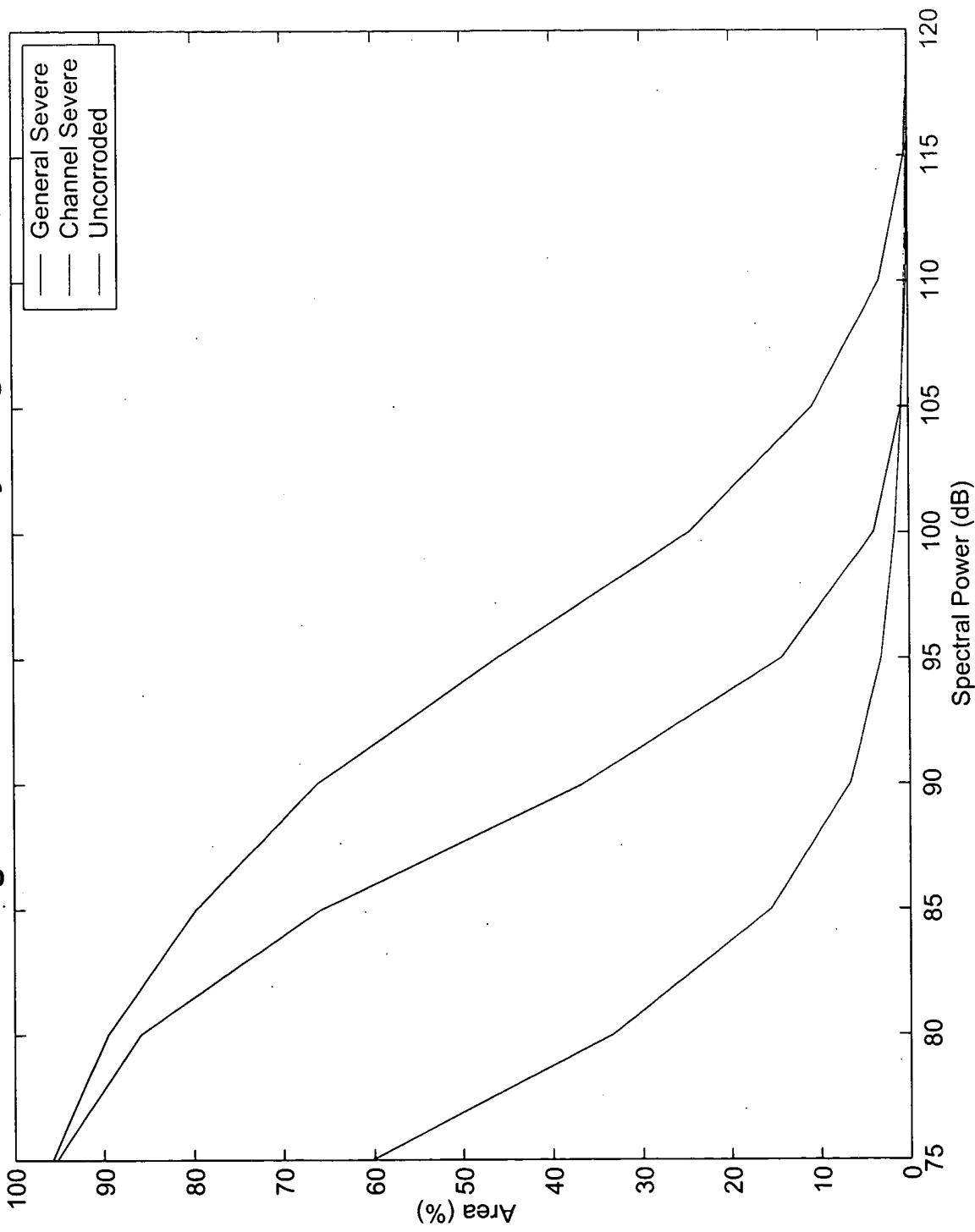
**Figure 31 – Fast Velocity, Small Seal**



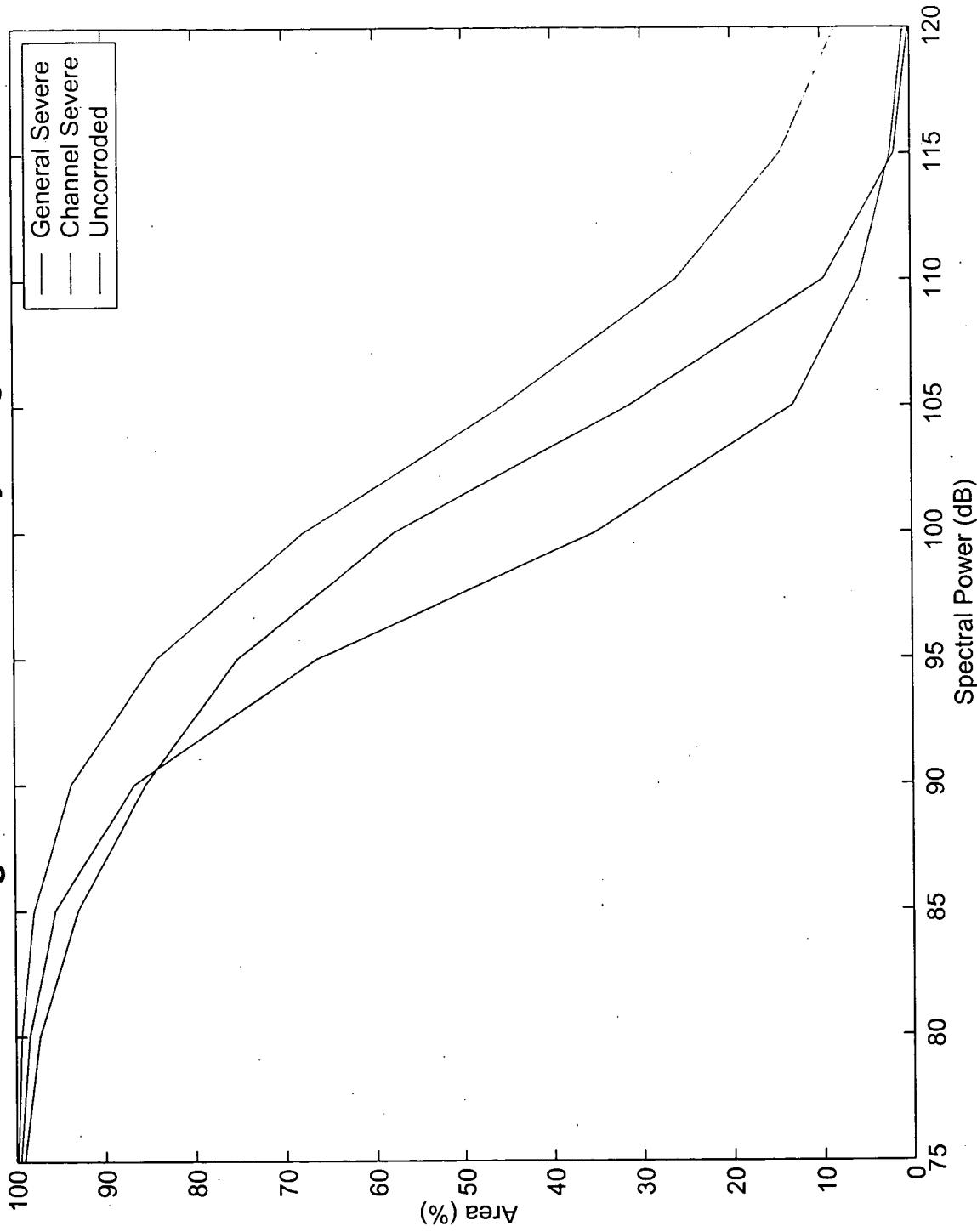
**Figure 32 – Medium Velocity, Large Seal**



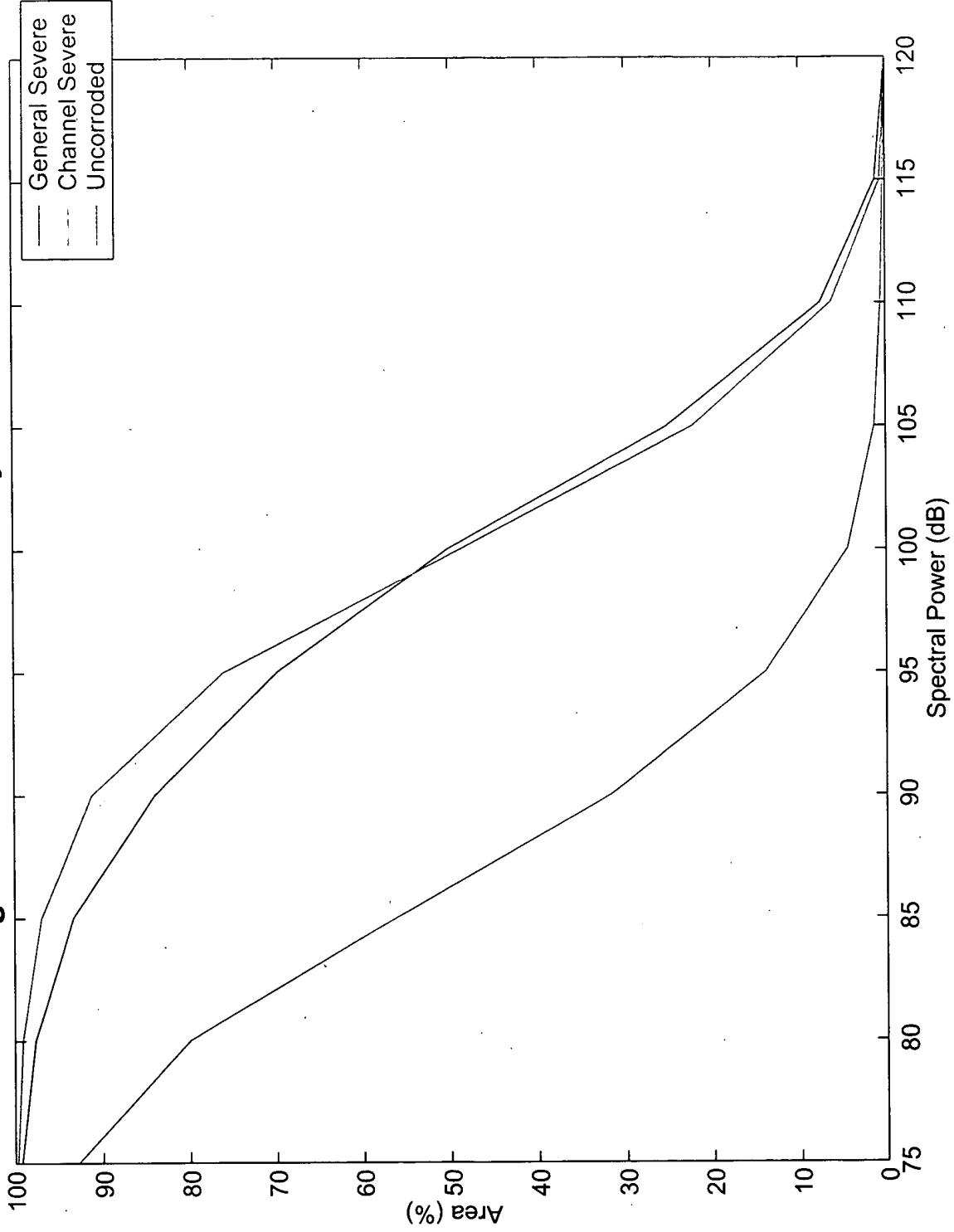
**Figure 33 – Slow Velocity, Large Seal**



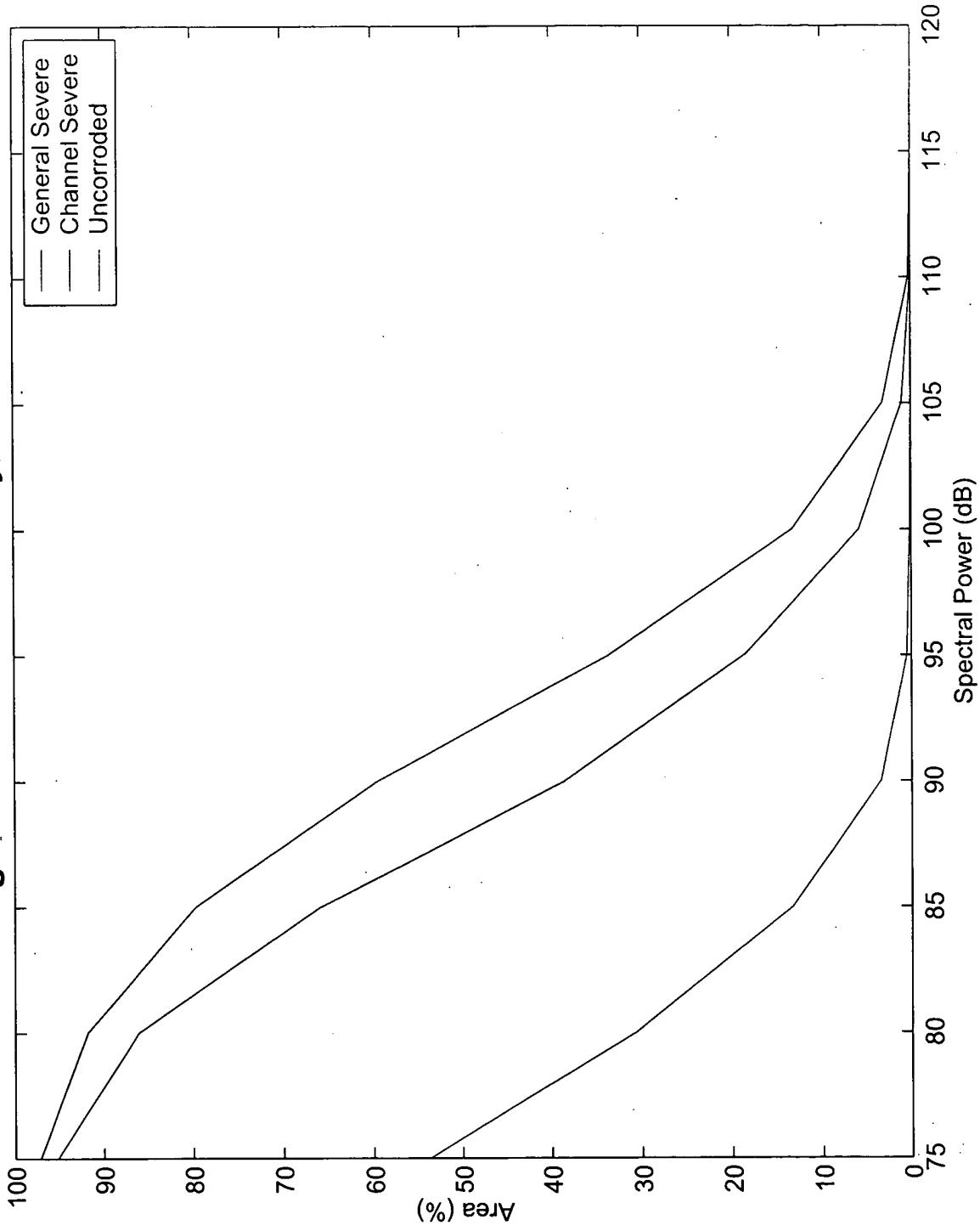
**Figure 34 – Fast Velocity, Large Seal**



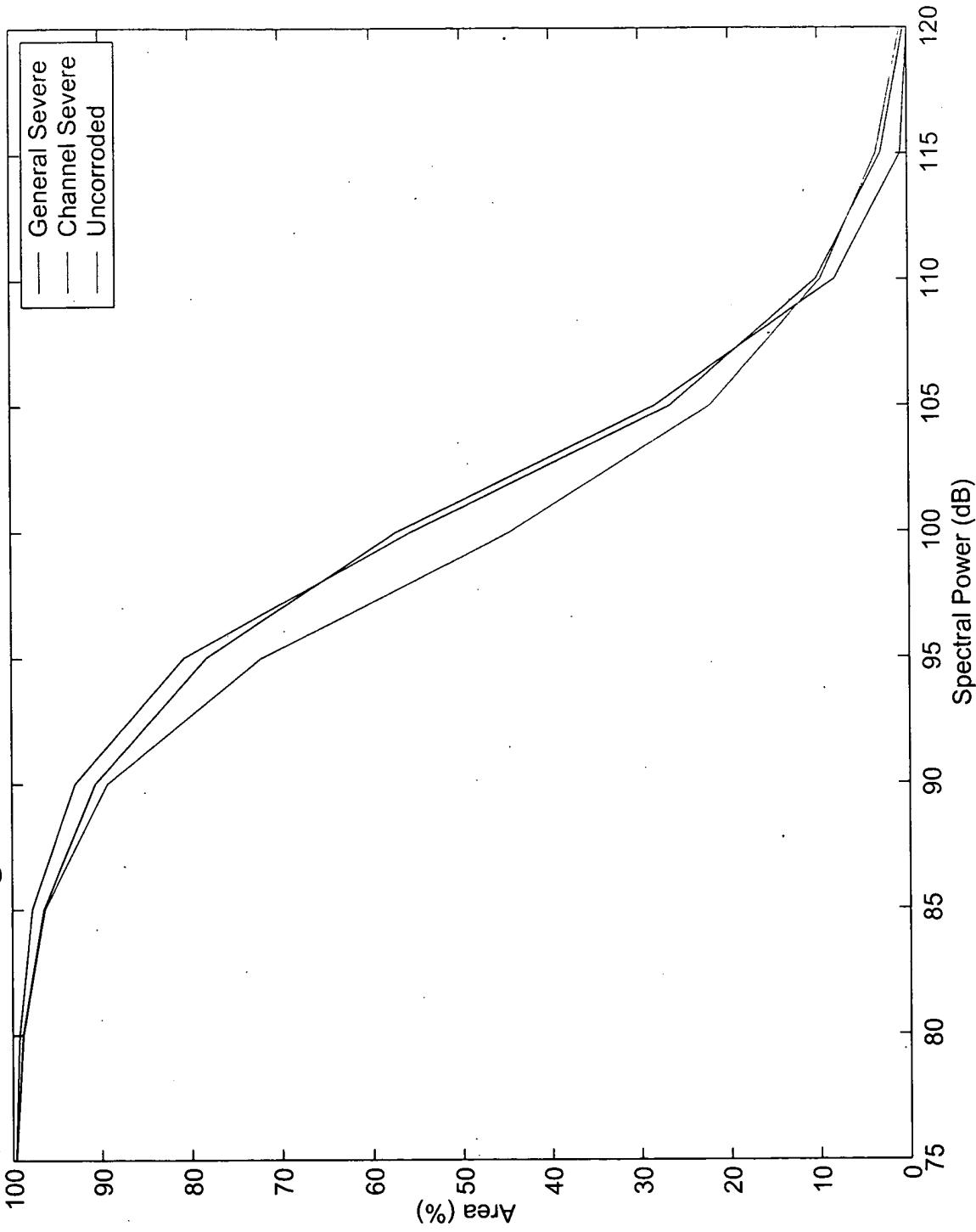
**Figure 35 – Medium Velocity, Thick Seal**



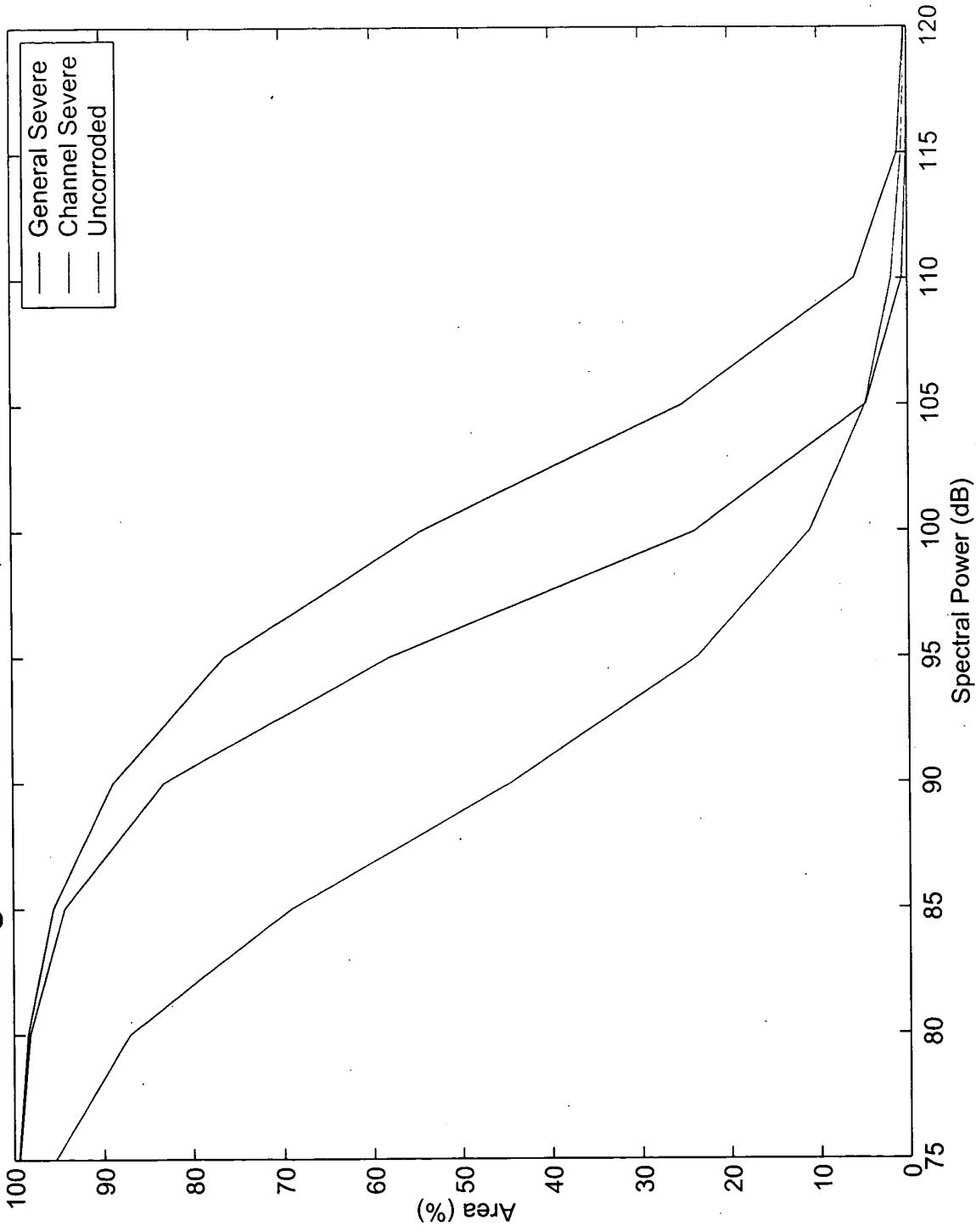
**Figure 36 – Slow Velocity, Thick Seal**



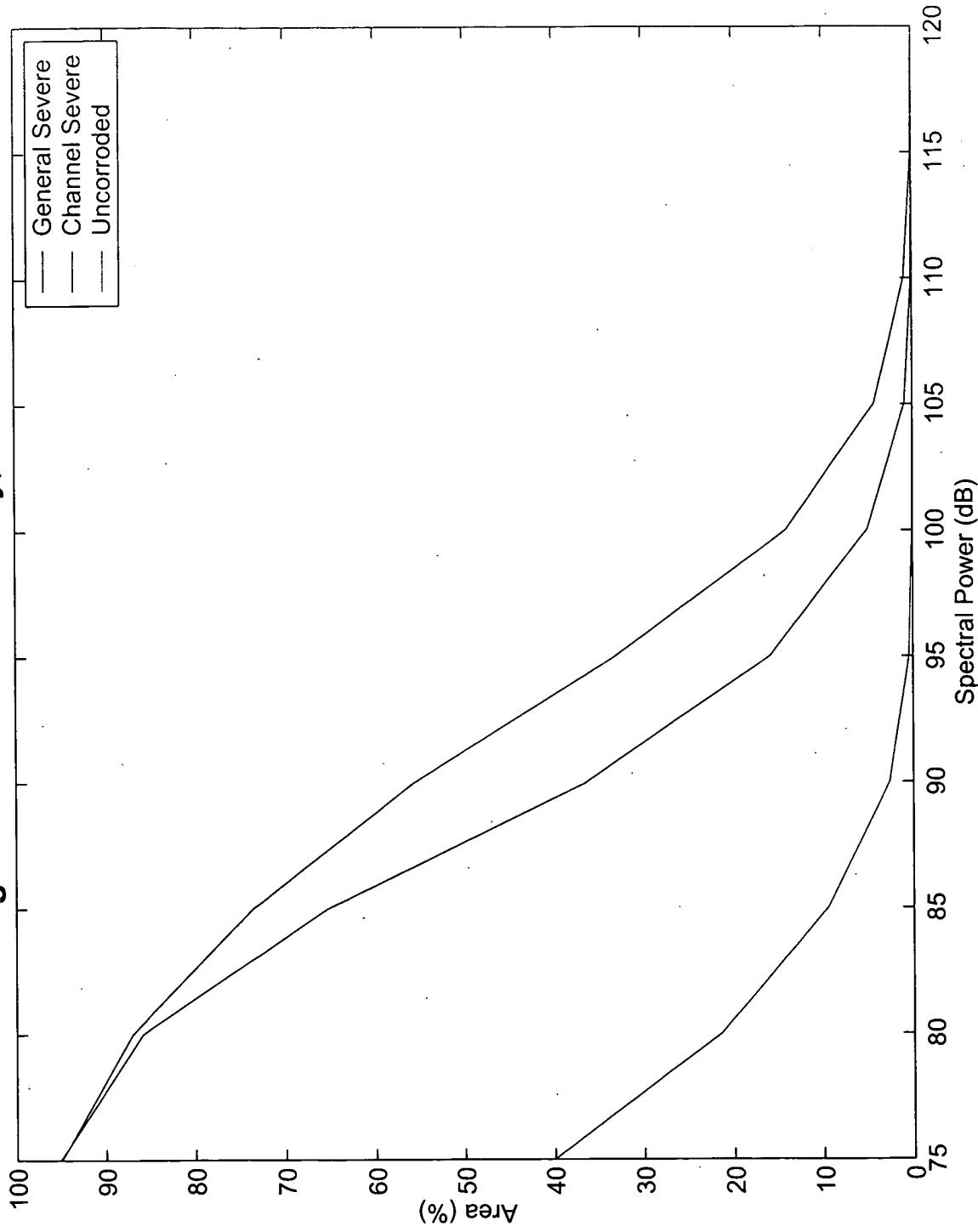
**Figure 37 – Fast Velocity, Thick Seal**



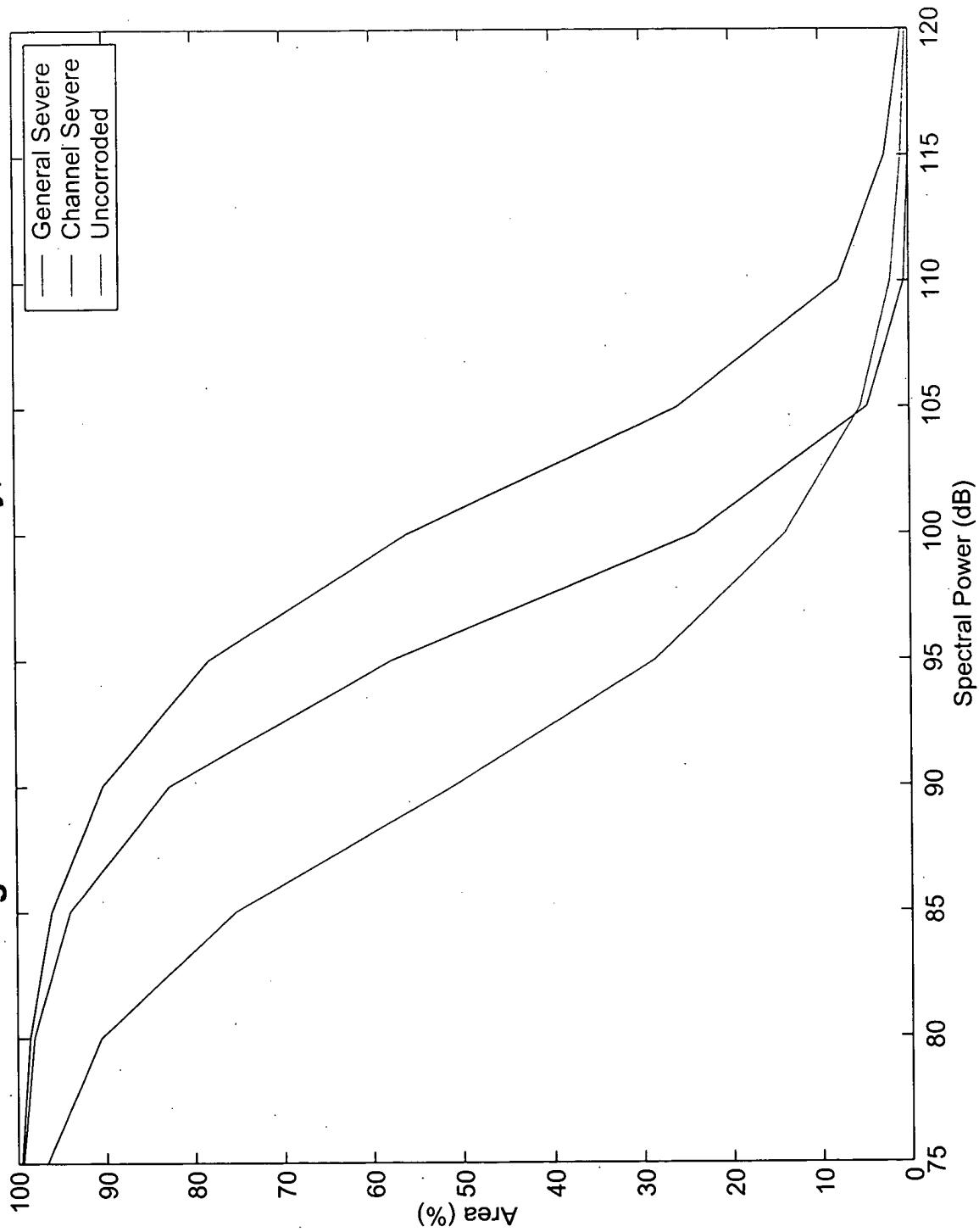
**Figure 38 – Medium Velocity, Small Guide**



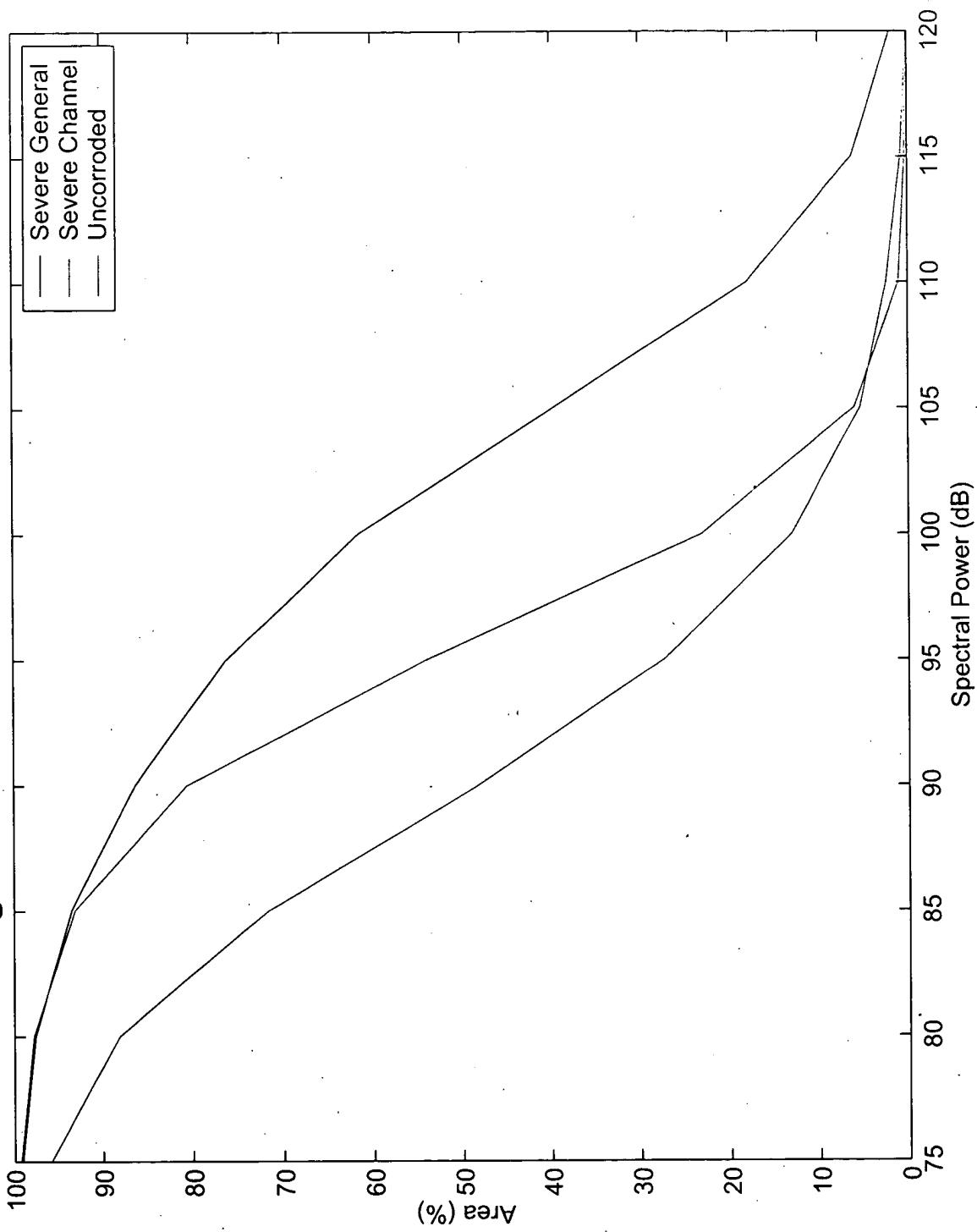
**Figure 39 – Slow Velocity, Small Guide**



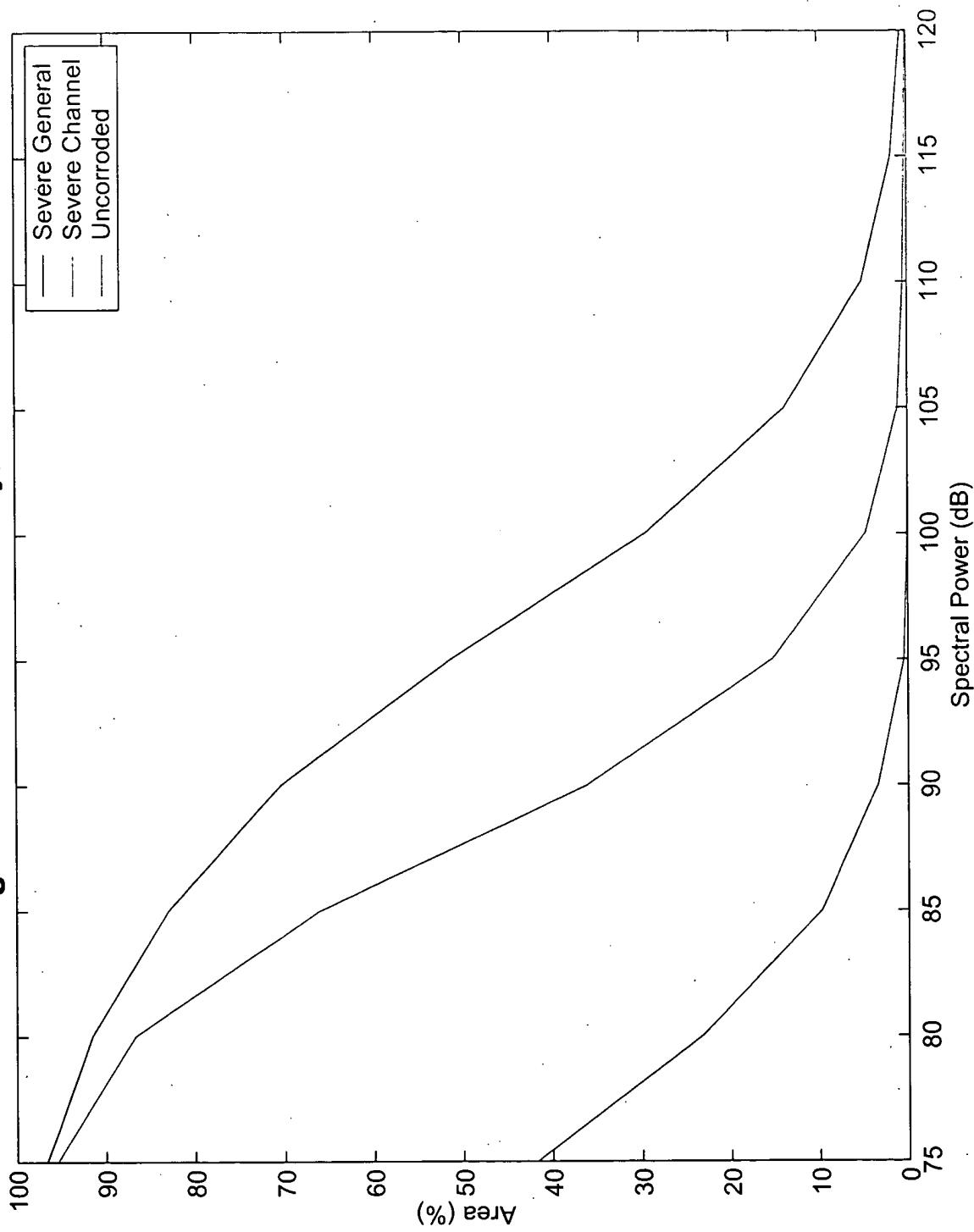
**Figure 40 – Fast Velocity, Small Guide**



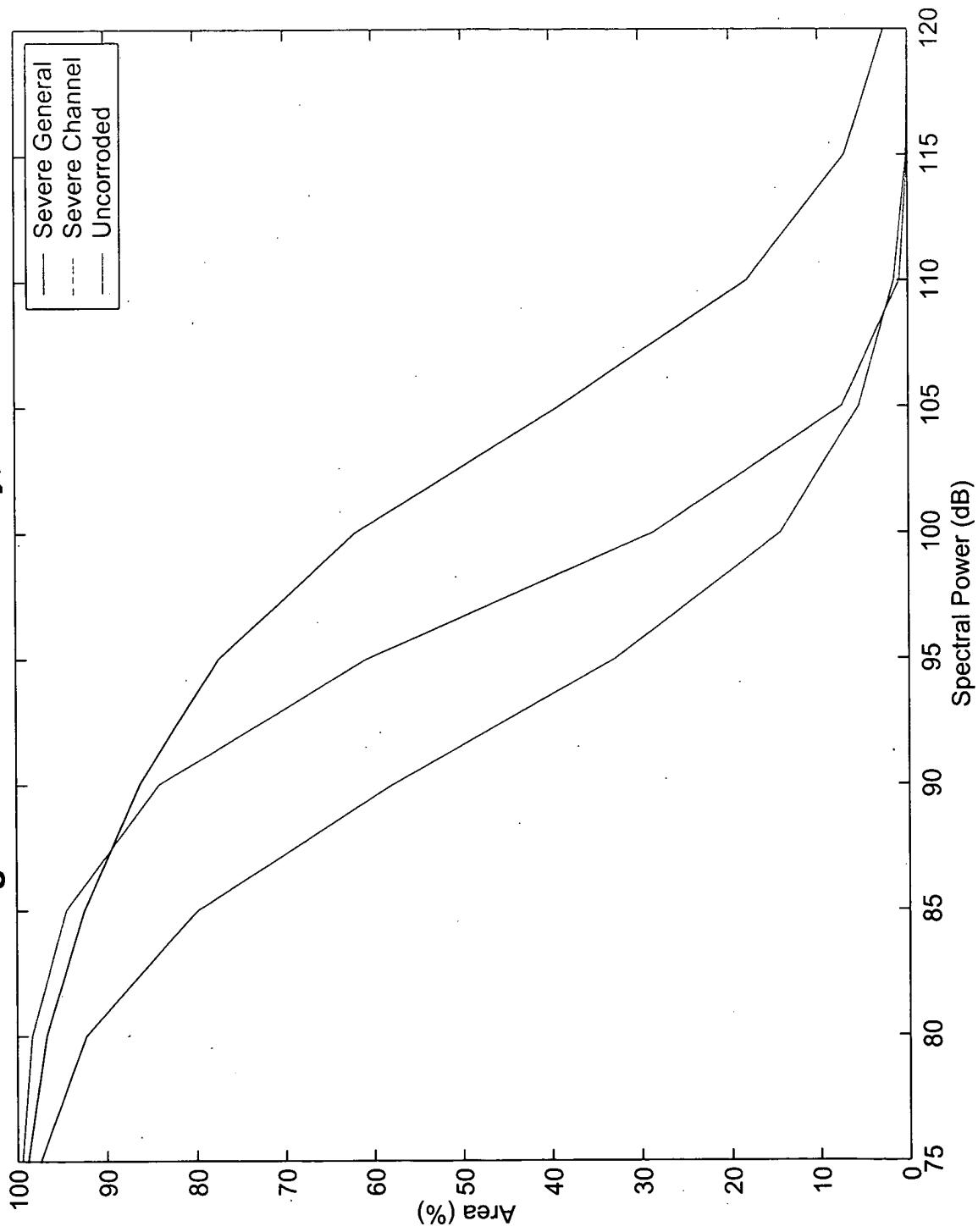
**Figure 41 – Medium Velocity, Thin Guide**



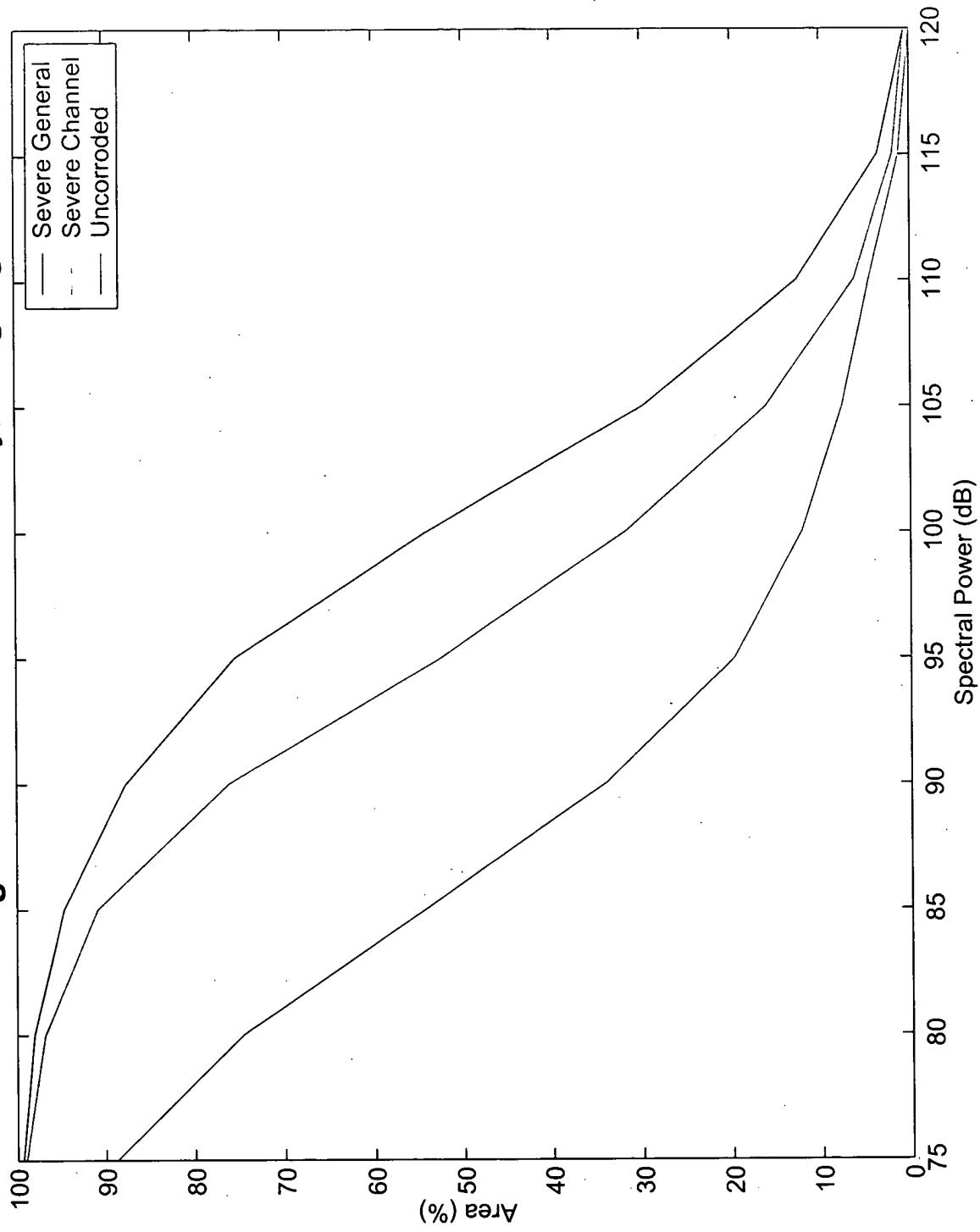
**Figure 42 – Slow Velocity, Thin Guide**



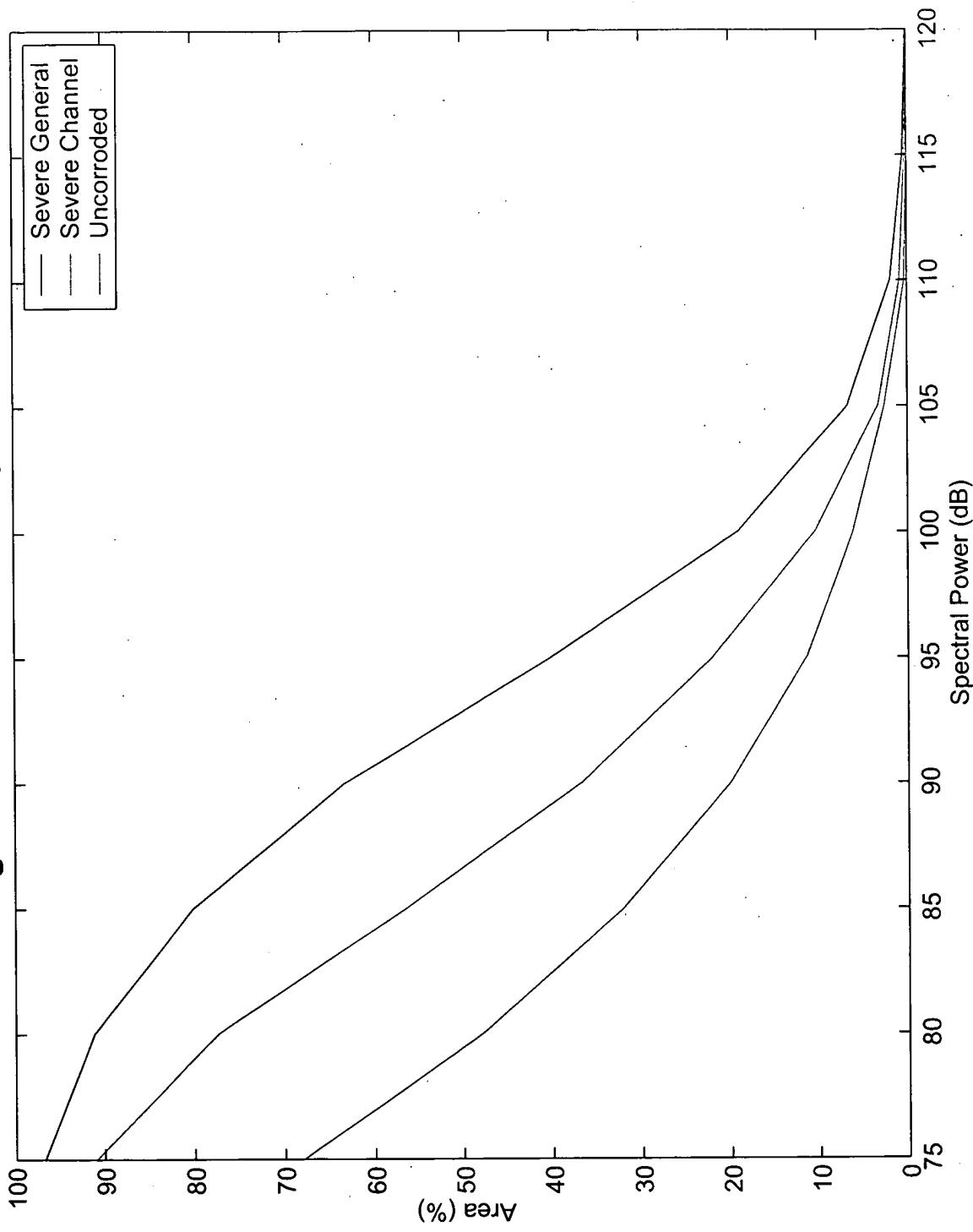
**Figure 43 – Fast Velocity, Thin Guide**



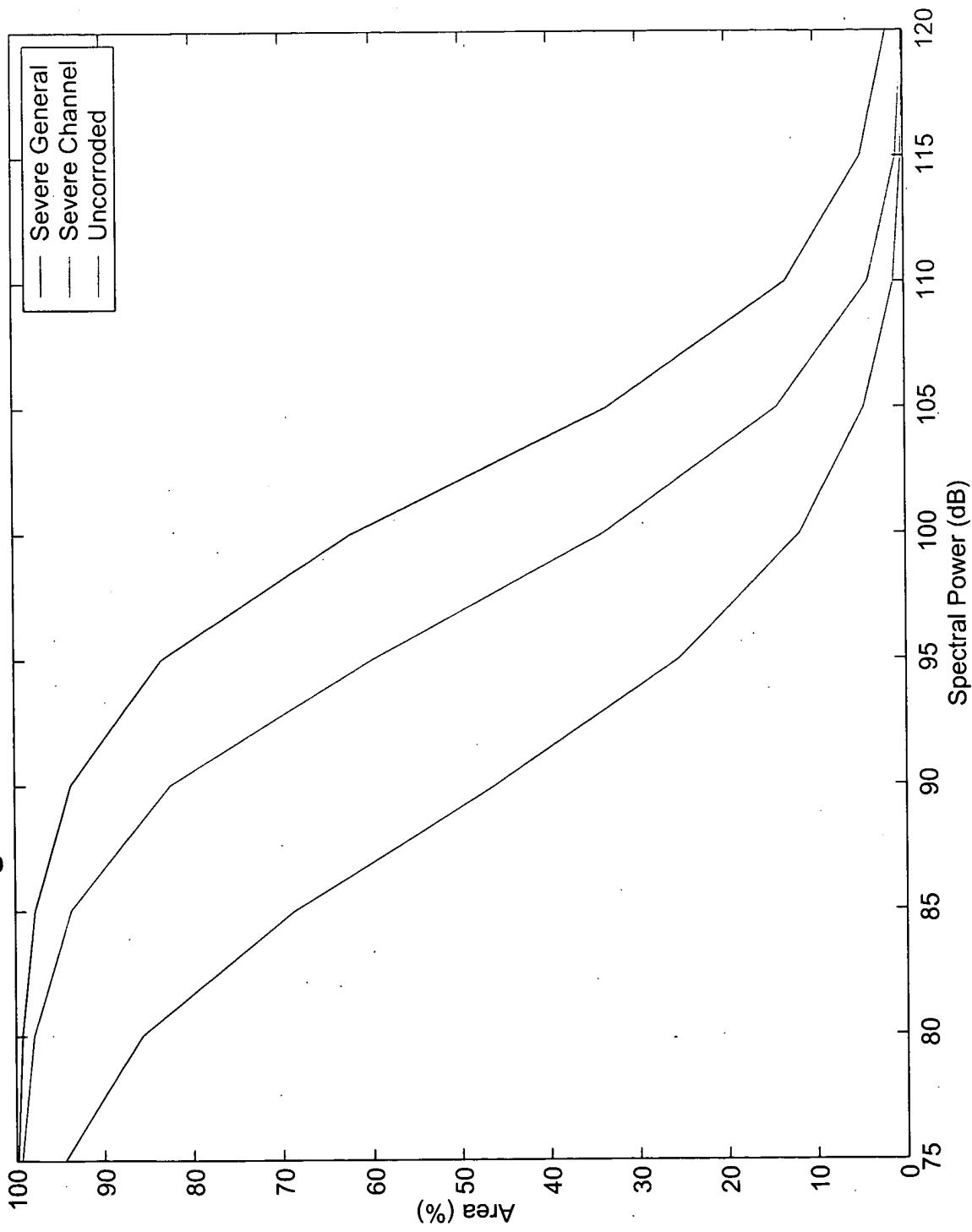
**Figure 44 – Medium Velocity, Long Pig**



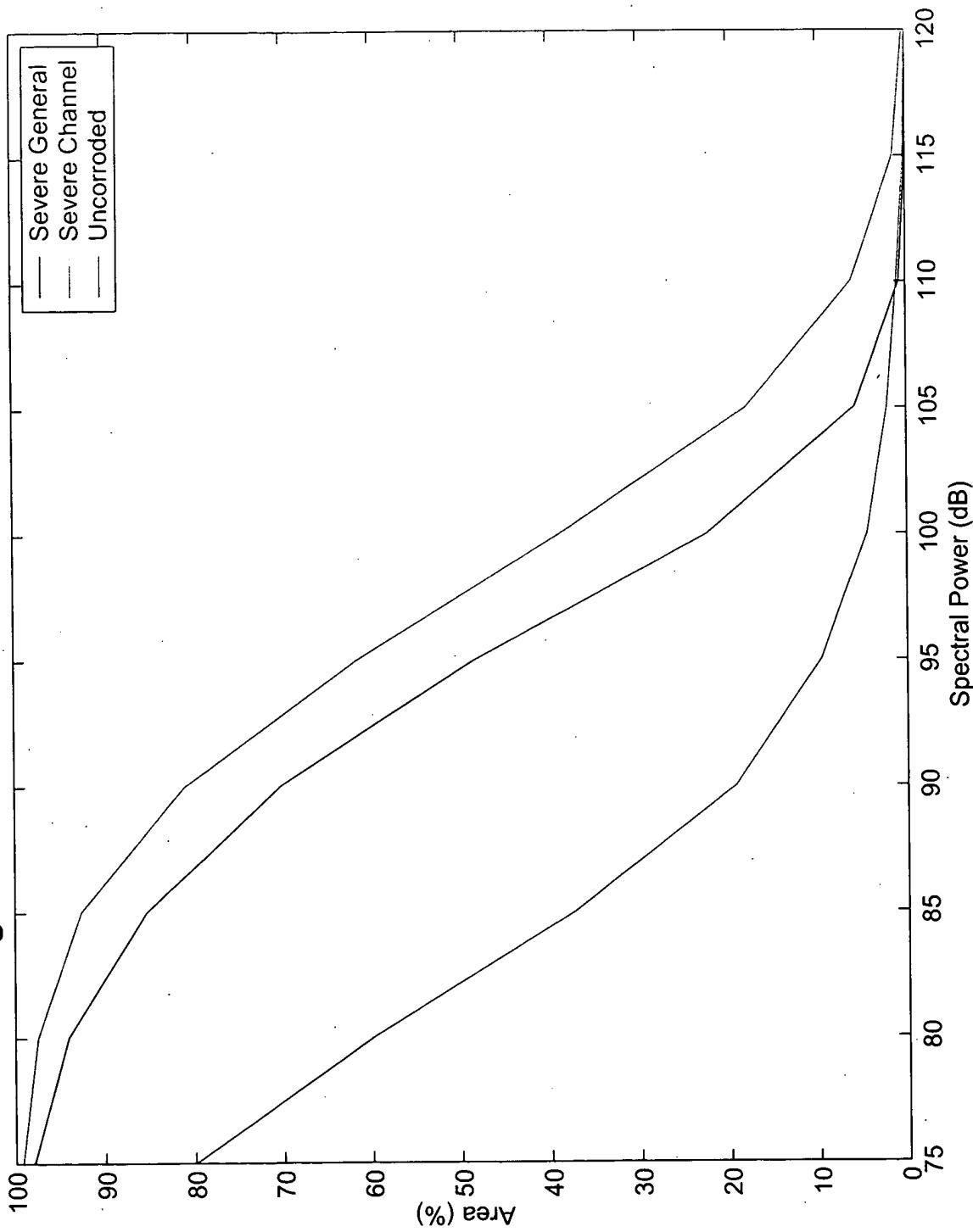
**Figure 45 – Slow Velocity, Long Pig**



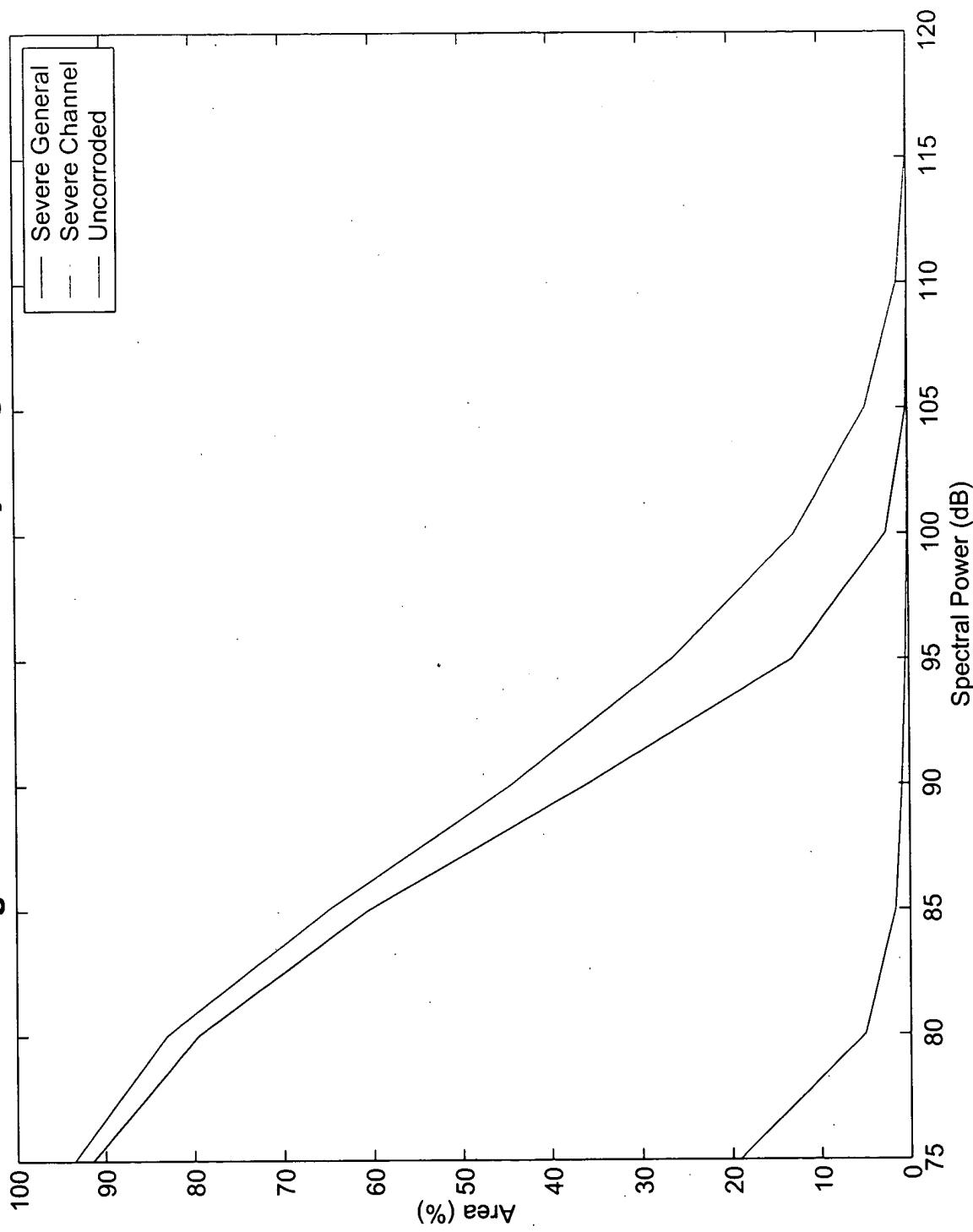
**Figure 46 – Fast Velocity, Long Pig**



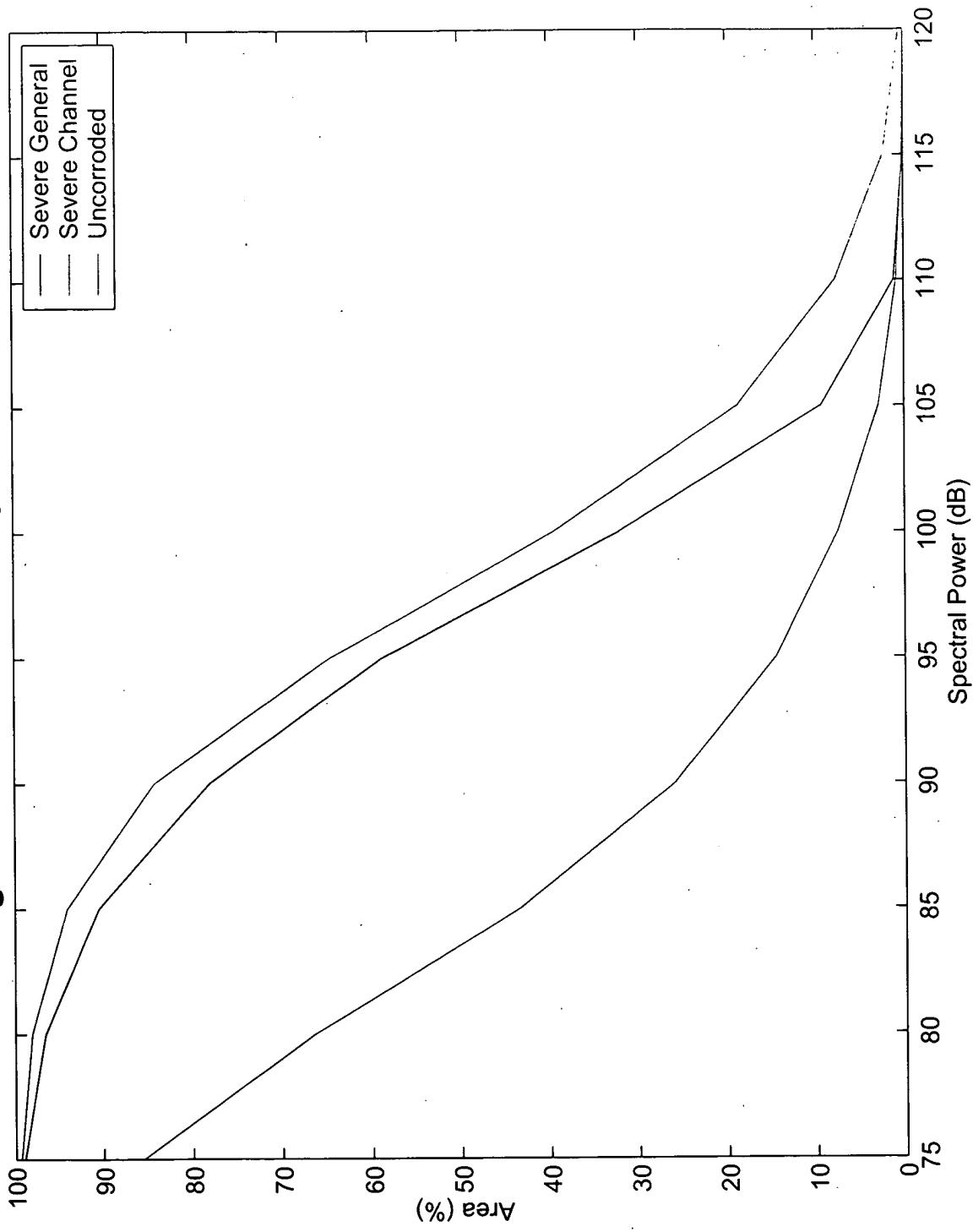
**Figure 47 – Medium Velocity, Large Spacer**



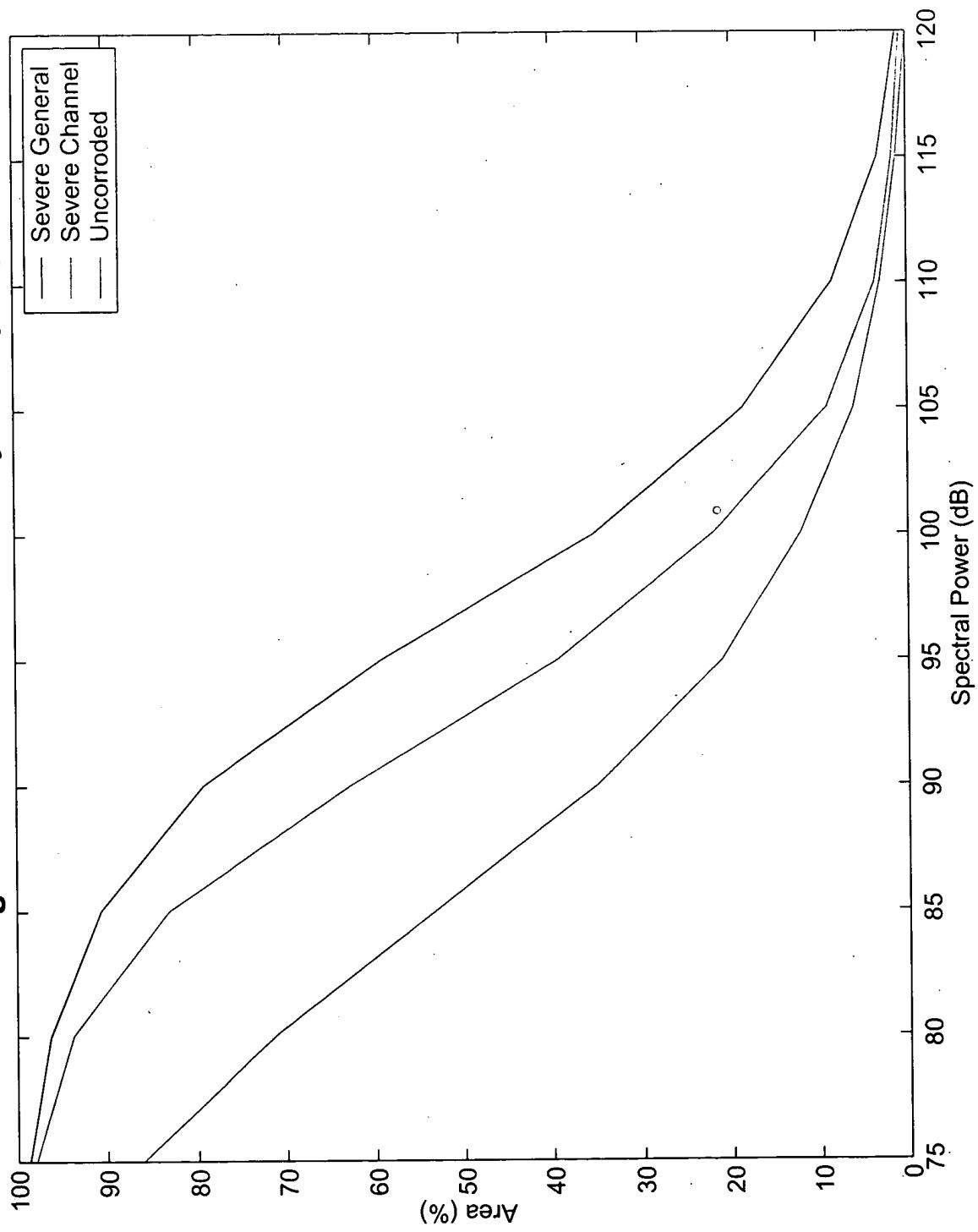
**Figure 48 – Slow Velocity, Large Spacer**



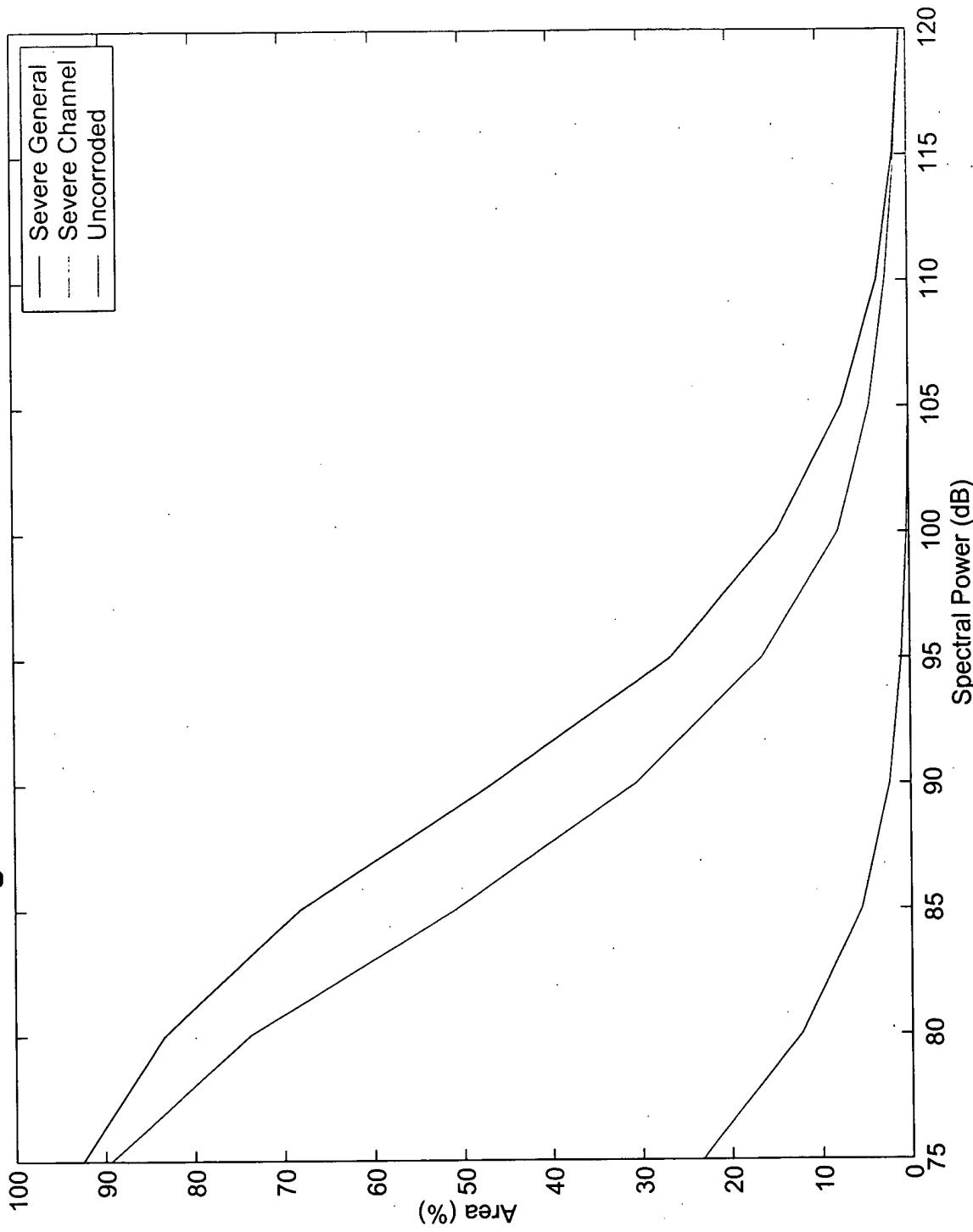
**Figure 49 – Fast Velocity, Large Spacer**



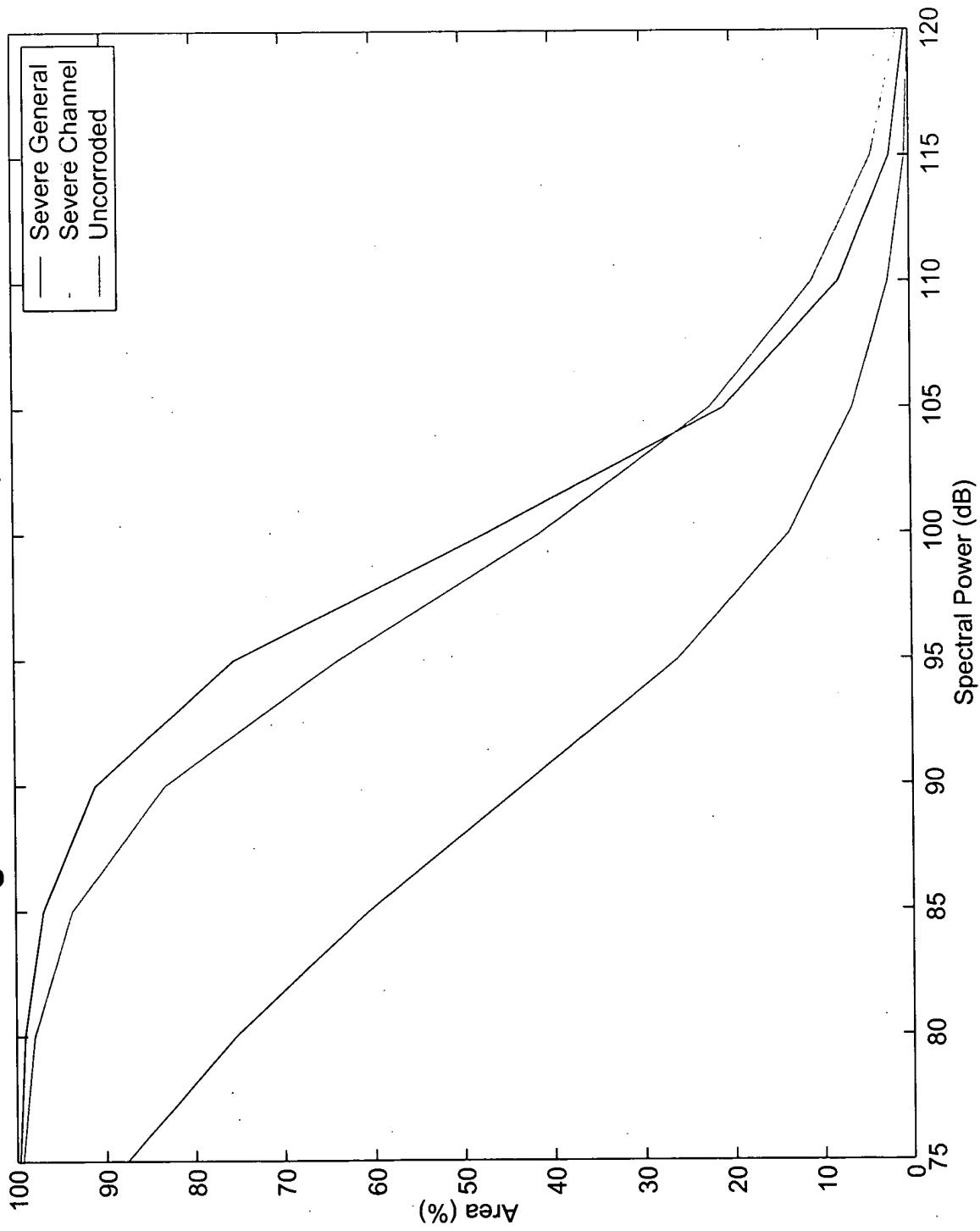
**Figure 50 – Medium Velocity, Heavy Pig**



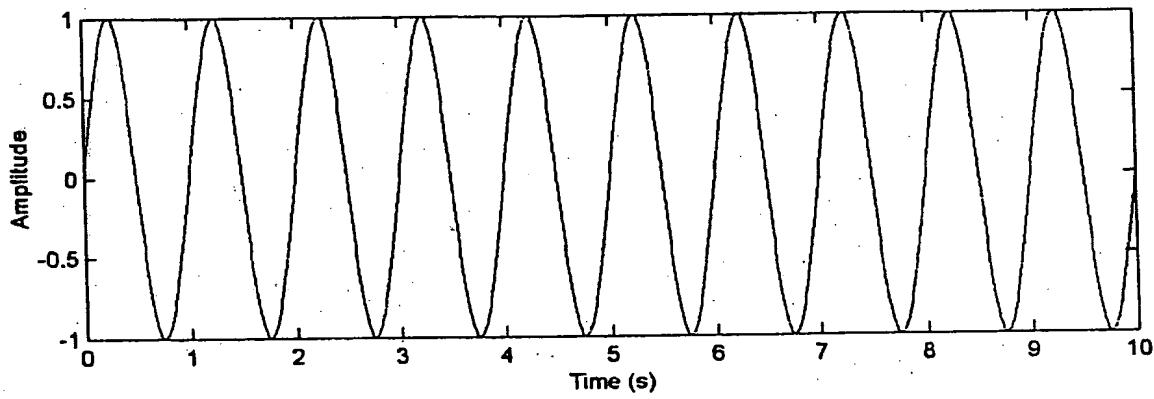
**Figure 51 – Slow Velocity, Heavy Pig**



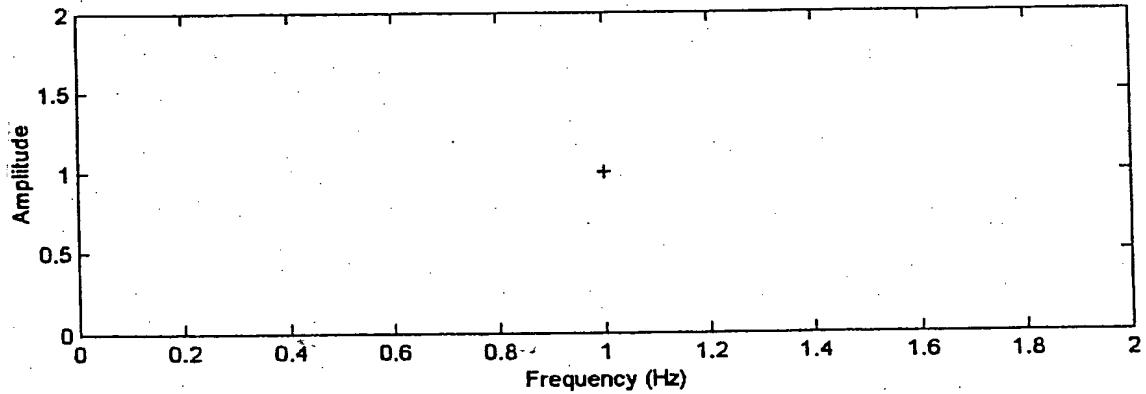
**Figure 52 – Fast Velocity, Heavy Pig**



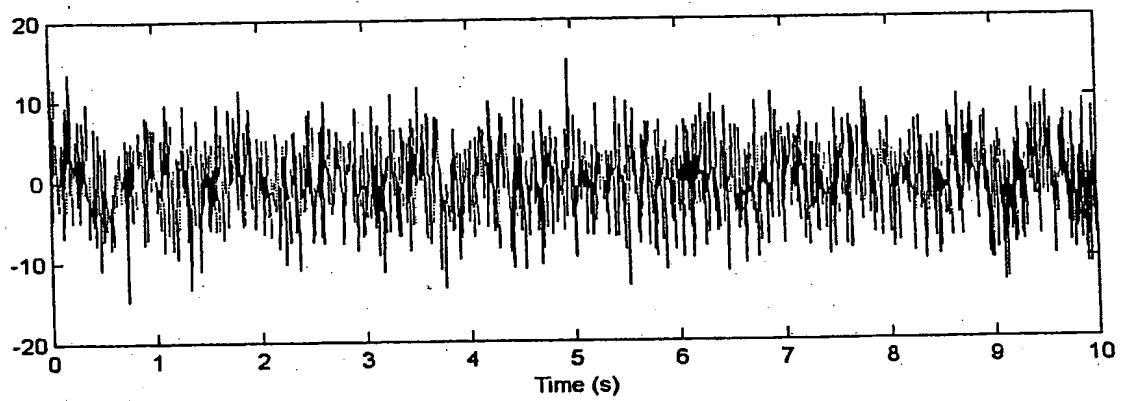
**FIGURE 53**



**FIGURE 54**



**FIGURE 55**



**FIGURE 56**

